

RESL CUSTOMER EXPORT CONTROL AGREEMENT

It is the Radiological and Environmental Sciences Laboratory's (RESL) policy to conduct business in accordance with all applicable U.S. export control laws and regulations. It is also RESL's policy that its Customers comply with U.S. export control laws and regulations. Therefore, Customer agrees to the following:

1. Because products, technical data, and technical assistance (i.e., services) provided to Customer by RESL may be subject to U.S. export control laws and regulations, (i) transactions with certain persons and companies and (ii) the export or reexport of certain types and levels of products, technical data, and services are prohibited or restricted.
2. Customer acknowledges that it is responsible for its own compliance with U.S. export control laws and regulations. Customer further agrees that it assumes the responsibility to obtain all necessary U.S. export licenses or other U.S. governmental authorizations, as well as all liability for the failure to do so.
3. Customer acknowledges that export control requirements may change and that the export or reexport of RESL products, technical data, and services without an export license or other appropriate governmental authorization may result in criminal and/or civil liability.
4. The obligations and requirements described herein shall survive the expiration or termination of any agreement or contract between RESL and Customer.

RdF54 Participating Laboratories

Lab Code	Lab Name	Matrix Code
ADEM01	Alabama Department of Environmental Management	RdF
ADFC99	Abu Dhabi Quality and Conformity Council-Central Testing Lab	RdF
AFOH01	USAFSAM/OEA	RdF
AMEC99	Amentum Clean Energy Ltd	RdF
ANLB01	Argonne National Laboratory	RdF
ARSL01	ARS	RdF
BSCE99	Supreme Council for Environment	RdF
CDHS01	California Department of Public Health	RdF
CESL01	Lawrence Livermore National Laboratory - EMRL	RdF
CMRC01	Carlsbad Environmental Monitoring and Research Center	RdF
DEHS01	Department of Environmental Health & Safety	RdF
ERCL01	Washington State Public Health Laboratories	RdF
ERHD99	National Monitoring Section, Radiation Protection Bureau, Health Canada	RdF
EULC01	EnergySolutions, LLC	RdF
FANR79	Federal Authority for Nuclear Regulation, Environmental Laboratory	RdF
FDHE01	Florida Dept of Health Environmental Laboratory	RdF
FDOH01	Florida Dept. of Health, Mobile Environmental Radiological Lab	RdF
FNAL01	Fermi National Accelerator Laboratory (FermiLab)	RdF
GENE01	GEL Laboratories, LLC	RdF
GPCL01	Georgia Power Company Environmental Laboratory	RdF
HECR01	SC Department of Environmental Services	RdF
HPAL01	Los Alamos National Laboratory	RdF
IAEA99	International Atomic Energy Agency	RdF
IEMA01	Illinois Emergency Management Agency Radiochemistry Laboratory	RdF
ISUE01	ISU Environmental Monitoring Laboratory	RdF
JAEC99	Research Laboratories and Information Directorate	RdF
JLNN01	Jefferson Laboratory	RdF
JNRC99	Energy and Mineral Regulatory Commission	RdF
LAWR01	LAWRENCE BERKELEY NATIONAL LABORATORY	RdF
LOCK03	Advanced Test Reactor (ATR) Complex Radioanalytical Laboratory	RdF
MART01	Southern Ohio Cleanup Company LLC	RdF
MART03	Radioactive Material Analysis Laboratory	RdF
MDPH01	MDPH-Division of Radiation Control	RdF
MNDH01	Minnesota Department of Health, Public Health Lab. Division	RdF
NARL01	National Analytical Radiation Environmental Laboratory	RdF
NESI01	BWXT-Radioisotope & Analytical Chemistry Laboratory	RdF
NJDH01	New Jersey Dept. of Health, ECLS	RdF
NOCS99	National Oceanography Centre, Southampton	RdF
ODHL01	Ohio Department of Health Laboratory	RdF
RPSC01	Radiation Protection Service	RdF
SANC99	RadioAnalysis, South Africa Nuclear Energy Corp.	RdF
SEML01	SRS Environmental Monitoring Laboratory	RdF
SLDA01	USACE SLDA FUSRAP Project	RdF
SMER01	State of Michigan EGLE Radiological Lab	RdF

SOUT01	Southwest Research Institute	RdF
SRPD01	Sandia National Laboratories, Radiation Protection Sample Diagnostics	RdF
STRL01	South Texas Project Radiological Laboratory	RdF
TDHL01	Texas Department of State Health Services Laboratory	RdF
TELE02	Microbac Laboratories Inc. - Northbrook	RdF
TMAO01	EBERLINE Analytical Corporation	RdF
WIPH01	WI, DPH, Radiation Protection Section	RdF
WMGS01	Westinghouse (Waltz Mill Gamma Spectroscopy Lab)	RdF
WSHL01	Wisconsin State Laboratory of Hygiene	RdF
WVDP01	WVDP Environmental Laboratory	RdF
YPGA01	US Army Yuma Proving Ground / Material Analysis Lab	RdF

Laboratories Not Reporting

Lab Code	Lab Name	Matrix Code
ARPL01	Analytical Support Operations - Radiochemical Processing Lab	RdF
ASUK99	AWE (Aldermaston)	RdF
HPAC99	UKHSA, RCE Glasgow	RdF
IAEA20	IAEA Marine Environment Laboratories, Radiometrics Laboratory	RdF
IAEA59	IAEA-Equipment Radiation Monitoring Laboratory	RdF

Study Reference Values

MAPEP-26-RdF54

Radiological Reference Date: 02/01/2026

Analyte	Ref Value	Ref Unc	Units
Inorganic			
Uranium-235	0.0365	0.0019	(ug/sample)
Uranium-238	5.03	0.16	(ug/sample)
Uranium-Total	5.06	0.16	(ug/sample)

Analyte	Ref Value	Ref Unc	Units
Radiological			
Americium-241	0.0364	0.0009	(Bq/sample)
Cesium-134	2.22	0.02	(Bq/sample)
Cobalt-57	1.11	0.02	(Bq/sample)
Manganese-54	1.52	0.03	(Bq/sample)
Plutonium-238	0.0278	0.0007	(Bq/sample)
Plutonium-239/240	0.0431	0.0010	(Bq/sample)
Strontium-90	0.798	0.016	(Bq/sample)
Uranium-234	0.0603	0.0019	(Bq/sample)
Uranium-238	0.063	0.002	(Bq/sample)
Zinc-65	2.05	0.04	(Bq/sample)

Sample Statistical Summary

MAPEP-26-RdF54

Radiological Reference Date: 02/01/2026

Analyte	T(1)	A(2)	Grand(3) Mean	Std Dev	Ref Value	Ref Unc	Acceptance Range	Units
Inorganic								
Uranium-235	6	6	0.0347	0.0040	0.0365	0.0019	0.0256 - 0.0475	(ug/sample)
Uranium-238	6	6	4.78	0.49	5.03	0.16	3.52 - 6.54	(ug/sample)
Uranium-Total	5	5			5.06	0.16	3.54 - 6.58	(ug/sample)

Analyte	T(1)	A(2)	Grand(3) Mean	Std Dev	Ref Value	Ref Unc	Acceptance Range	Units
Radiological								
Americium-241	32	27	0.0363	0.0036	0.0364	0.0009	0.0255 - 0.0473	(Bq/sample)
Cesium-134	53	49	2.07	0.20	2.22	0.02	1.55 - 2.89	(Bq/sample)
Cesium-137	43	41					False Positive Test	(Bq/sample)
Cobalt-57	53	52	1.05	0.11	1.11	0.02	0.78 - 1.44	(Bq/sample)
Cobalt-60	44	42					False Positive Test	(Bq/sample)
Manganese-54	53	52	1.51	0.17	1.52	0.03	1.06 - 1.98	(Bq/sample)
Plutonium-238	22	19	0.0288	0.0034	0.0278	0.0007	0.0195 - 0.0361	(Bq/sample)
Plutonium-239/240	22	20	0.0424	0.0049	0.0431	0.0010	0.0302 - 0.0560	(Bq/sample)
Strontium-90	17	16	0.792	0.086	0.798	0.016	0.559 - 1.037	(Bq/sample)
Uranium-234	23	22	0.0590	0.0074	0.0603	0.0019	0.0422 - 0.0784	(Bq/sample)
Uranium-238	25	24	0.059	0.007	0.063	0.002	0.044 - 0.082	(Bq/sample)
Zinc-65	52	50	2.09	0.26	2.05	0.04	1.44 - 2.67	(Bq/sample)

Note: (1) T = Total number of laboratories reporting analyte.
(2) A = Number of laboratories with 'Acceptable' performance.
(3) Mean excludes values derived as total metals and values indicated as "Not Acceptable".

Results Flags:

A = Result acceptable.....|Bias| <= 20%
W = Result acceptable with warning.....20% < |Bias| <= 30%
N = Result not acceptable.....|Bias| > 30%
RW = Report Warning
NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%
A = ACCEPTABLE.....2% <= RP <= 15%
W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%
N = NOT ACCEPTABLE.....RP > 30%
Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Flag Summary Report

MAPEP-26-RdF54

Inorganic

Analyte	A	W	RW	N
Uranium-Total	4	1		
Uranium-235	5	1		
Uranium-238	5	1		

Radiological

Analyte	A	W	RW	N
Americium-241	25	2		5
Cesium-134	47	2		4
Cesium-137	41			9
Cobalt-57	48	4		1
Cobalt-60	42			2
Manganese-54	48	4		1
Plutonium-238	17	2		3
Plutonium-239/240	18	2		2
Strontium-90	14	2		1
Uranium-234	19	3		1
Uranium-238	19	5		1
Zinc-65	45	5		2



Laboratory Results For MAPEP-26-RdF54

(ADEM01) Alabama Department of Environmental Management
1350 Coliseum Blvd.
Montgomery, AL 36110

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	2.5567	2.22	A		15.2	1.55 - 2.89	0.10841 A
Cesium-137	NR		N	(11)		False Positive Test	
Cobalt-57	1.4097	1.11	W		27.0	0.78 - 1.44	0.06031 A
Cobalt-60	NR					False Positive Test	
Manganese-54	2.3347	1.52	N		53.6	1.06 - 1.98	0.12617 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	3.0081	2.05	N		46.7	1.44 - 2.67	0.17279 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(ADFC99) Abu Dhabi Quality and Conformity Council-Central Testing Lab

Radiation Lab

Abu Dhabi, Abu Dhabi 853

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	2.27	2.22	A		2.3	1.55 - 2.89	0.16 A
Cesium-137	NR		N	(11)		False Positive Test	
Cobalt-57	1.16	1.11	A		4.5	0.78 - 1.44	0.10 A
Cobalt-60	NR					False Positive Test	
Manganese-54	1.70	1.52	A		11.8	1.06 - 1.98	0.18 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	2.22	2.05	A		8.3	1.44 - 2.67	0.23 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(AFOH01) USAFSAM/OEA

2510 Fifth Street, Area B

Wright-Patterson AFB, OH 45433-7913

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	0.0331	0.0364	A		-9.1	0.0255 - 0.0473	0.0025 A
Cesium-134	2.0	2.22	A		-9.9	1.55 - 2.89	0.2 A
Cesium-137	-0.02		A			False Positive Test	0.05
Cobalt-57	1.024	1.11	A		-7.7	0.78 - 1.44	0.069 A
Cobalt-60	-0.03		A			False Positive Test	0.05
Manganese-54	1.382	1.52	A		-9.1	1.06 - 1.98	0.085 A
Plutonium-238	0.0303	0.0278	A		9.0	0.0195 - 0.0361	0.0028 A
Plutonium-239/240	0.0438	0.0431	A		1.6	0.0302 - 0.0560	0.0035 A
Strontium-90	0.71	0.798	A		-11.0	0.559 - 1.037	0.03 A
Uranium-234	0.0628	0.0603	A		4.1	0.0422 - 0.0784	0.0044 A
Uranium-238	0.0628	0.063	A		-0.3	0.044 - 0.082	0.0043 A
Zinc-65	1.98	2.05	A		-3.4	1.44 - 2.67	0.24 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(AMEC99) Amentum Clean Energy Ltd

612 Faraday Street

Birchwood Park, Warrington WA3 6GN

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	0.0407	0.0364	A		11.8	0.0255 - 0.0473	0.0064 W
Cesium-134	2.125	2.22	A		-4.3	1.55 - 2.89	0.068 A
Cesium-137	0.013		A			False Positive Test	0.014
Cobalt-57	1.114	1.11	A		0.4	0.78 - 1.44	0.051 A
Cobalt-60	0.131		A			False Positive Test	0.058
Manganese-54	1.599	1.52	A		5.2	1.06 - 1.98	0.064 A
Plutonium-238	0.0288	0.0278	A		3.6	0.0195 - 0.0361	0.0022 A
Plutonium-239/240	0.0419	0.0431	A		-2.8	0.0302 - 0.0560	0.0026 A
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	0.0654	0.0603	A		8.5	0.0422 - 0.0784	0.0037 A
Uranium-238	0.0613	0.063	A		-2.7	0.044 - 0.082	0.0036 A
Zinc-65	2.20	2.05	A		7.3	1.44 - 2.67	0.12 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(ANLB01) Argonne National Laboratory

9700 S. Cass Ave

Argonne, IL 60439

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	0.038	0.0364	A		4.4	0.0255 - 0.0473	0.003 A
Cesium-134	2.066	2.22	A		-6.9	1.55 - 2.89	0.181 A
Cesium-137	0.008		A			False Positive Test	0.007
Cobalt-57	1.040	1.11	A		-6.3	0.78 - 1.44	0.094 A
Cobalt-60	0.035		A			False Positive Test	0.017
Manganese-54	1.599	1.52	A		5.2	1.06 - 1.98	0.091 A
Plutonium-238	0.025	0.0278	A		-10.1	0.0195 - 0.0361	0.002 A
Plutonium-239/240	0.036	0.0431	A		-16.5	0.0302 - 0.0560	0.002 A
Strontium-90	0.731	0.798	A		-8.4	0.559 - 1.037	0.034 A
Uranium-234	0.047	0.0603	W		-22.1	0.0422 - 0.0784	0.005 A
Uranium-238	0.050	0.063	W		-20.6	0.044 - 0.082	0.005 A
Zinc-65	2.248	2.05	A		9.7	1.44 - 2.67	0.175 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(ARSL01) ARS

2609 North River Road

Port Allen, LA 70767

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	0.029	0.0364	W		-20.3	0.0255 - 0.0473	0.005 W
Cesium-134	1.55	2.22	N		-30.2	1.55 - 2.89	0.075 A
Cesium-137	0.034		A			False Positive Test	0.019
Cobalt-57	1.018	1.11	A		-8.3	0.78 - 1.44	0.04 A
Cobalt-60	-0.006		A			False Positive Test	0.024
Manganese-54	1.498	1.52	A		-1.4	1.06 - 1.98	0.071 A
Plutonium-238	0.026	0.0278	A		-6.5	0.0195 - 0.0361	0.005 W
Plutonium-239/240	0.042	0.0431	A		-2.6	0.0302 - 0.0560	0.007 W
Strontium-90	0.958	0.798	W		20.1	0.559 - 1.037	0.104 A
Uranium-234	0.049	0.0603	A		-18.7	0.0422 - 0.0784	0.006 A
Uranium-238	0.046	0.063	W		-27.0	0.044 - 0.082	0.006 A
Zinc-65	-0.062	2.05	N		-103.0	1.44 - 2.67	0.089 N

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54
 (BSCE99) Supreme Council for Environment
 P. O. Box 18233
 Manama, Manama 18233

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Americium-241	0.033	0.0364	A		-9.3	0.0255 - 0.0473	0.005 W
Cesium-134	1.962	2.22	A		-11.6	1.55 - 2.89	0.103 A
Cesium-137	NR		N	(11)		False Positive Test	
Cobalt-57	0.958	1.11	A		-13.7	0.78 - 1.44	0.088 A
Cobalt-60	NR					False Positive Test	
Manganese-54	1.267	1.52	A		-16.6	1.06 - 1.98	0.107 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	1.710	2.05	A		-16.6	1.44 - 2.67	0.121 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54
 (CDHS01) California Department of Public Health
 Drinking Water & Radiation Lab.
 Richmond, CA 94804-6403

Inorganic						Units: (ug/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475		
Uranium-238	NR	5.03				3.52 - 6.54		
Uranium-Total	NR	5.06				3.54 - 6.58		

Radiological					Units: (Bq/sample)			
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Americium-241	0.0412	0.0364	A		13.2	0.0255 - 0.0473	0.00303	A
Cesium-134	2.16	2.22	A		-2.7	1.55 - 2.89	0.0574	A
Cesium-137	0.00918		A			False Positive Test	0.0127	
Cobalt-57	1.04	1.11	A		-6.3	0.78 - 1.44	0.0226	A
Cobalt-60	-0.00662		A			False Positive Test	0.0122	
Manganese-54	1.49	1.52	A		-2.0	1.06 - 1.98	0.0428	A
Plutonium-238	0.0270	0.0278	A		-2.9	0.0195 - 0.0361	0.00422	W
Plutonium-239/240	0.0472	0.0431	A		9.5	0.0302 - 0.0560	0.00401	A
Strontium-90	0.736	0.798	A		-7.8	0.559 - 1.037	0.0364	A
Uranium-234	0.0544	0.0603	A		-9.8	0.0422 - 0.0784	0.00377	A
Uranium-238	0.0562	0.063	A		-10.8	0.044 - 0.082	0.00369	A
Zinc-65	2.48	2.05	W		21.0	1.44 - 2.67	0.0818	A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Laboratory Results For MAPEP-26-RdF54

(CESL01) Lawrence Livermore National Laboratory - EMRL

7000 East Avenue

Livermore, CA 94551

Inorganic						Units: (ug/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475		
Uranium-238	NR	5.03				3.52 - 6.54		
Uranium-Total	NR	5.06				3.54 - 6.58		

Radiological						Units: (Bq/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Americium-241	NR	0.0364				0.0255 - 0.0473		
Cesium-134	2.20E+00	2.22	A		-0.9	1.55 - 2.89	5.79E-02	A
Cesium-137	-5.82E-03		A			False Positive Test	1.93E-02	
Cobalt-57	1.04E+00	1.11	A		-6.3	0.78 - 1.44	3.94E-02	A
Cobalt-60	7.77E-03		A			False Positive Test	8.24E-03	
Manganese-54	1.44E+00	1.52	A		-5.3	1.06 - 1.98	6.72E-02	A
Plutonium-238	3.08E-02	0.0278	A		10.8	0.0195 - 0.0361	9.88E-04	A
Plutonium-239/240	4.23E-02	0.0431	A		-1.9	0.0302 - 0.0560	1.20E-03	A
Strontium-90	NR	0.798				0.559 - 1.037		
Uranium-234	NR	0.0603				0.0422 - 0.0784		
Uranium-238	NR	0.063				0.044 - 0.082		
Zinc-65	1.95E+00	2.05	A		-4.9	1.44 - 2.67	1.12E-01	A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| <= 20%

W = Result acceptable with warning.....20% < |Bias| <= 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% <= RP <= 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Laboratory Results For MAPEP-26-RdF54

(CMRC01) Carlsbad Environmental Monitoring and Research Center

1400 University Dr.

Carlsbad, NM 88220

Inorganic						Units: (ug/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475		
Uranium-238	NR	5.03				3.52 - 6.54		
Uranium-Total	NR	5.06				3.54 - 6.58		

Radiological					Units: (Bq/sample)			
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Americium-241	3.66E-02	0.0364	A		0.5	0.0255 - 0.0473	1.72E-03	A
Cesium-134	1.89E+00	2.22	A		-14.9	1.55 - 2.89	5.26E-02	A
Cesium-137	7.02E-02		A			False Positive Test	2.57E-02	
Cobalt-57	1.13E+00	1.11	A		1.8	0.78 - 1.44	2.53E-02	A
Cobalt-60	-5.03E-03		A			False Positive Test	1.26E-02	
Manganese-54	1.52E+00	1.52	A		0.0	1.06 - 1.98	4.47E-02	A
Plutonium-238	3.07E-02	0.0278	A		10.4	0.0195 - 0.0361	1.62E-03	A
Plutonium-239/240	4.48E-02	0.0431	A		3.9	0.0302 - 0.0560	2.11E-03	A
Strontium-90	7.36E-01	0.798	A		-7.8	0.559 - 1.037	1.01E-02	N
Uranium-234	6.06E-02	0.0603	A		0.5	0.0422 - 0.0784	6.63E-03	A
Uranium-238	6.21E-02	0.063	A		-1.4	0.044 - 0.082	6.78E-03	A
Zinc-65	2.30E+00	2.05	A		12.2	1.44 - 2.67	8.49E-02	A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| <= 20%

W = Result acceptable with warning.....20% < |Bias| <= 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% <= RP <= 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(DEHS01) Department of Environmental Health & Safety

North Carolina State Univ.

Raleigh, NC 27695-8007

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	2.19	2.22	A		-1.4	1.55 - 2.89	0.11 A
Cesium-137	0.0009		A			False Positive Test	0.098
Cobalt-57	0.99	1.11	A		-10.8	0.78 - 1.44	0.06 A
Cobalt-60	0.036		A			False Positive Test	0.086
Manganese-54	1.59	1.52	A		4.6	1.06 - 1.98	0.10 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	2.35	2.05	A		14.6	1.44 - 2.67	0.16 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Laboratory Results For MAPEP-26-RdF54
(ERCL01) Washington State Public Health Laboratories
1610 N.E. 150th Street
Shoreline, WA 98155-9701

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	0.0329	0.0365	A		-9.9	0.0256 - 0.0475	0.0045 A
Uranium-238	4.70	5.03	A		-6.6	3.52 - 6.54	0.61 A
Uranium-Total	4.70	5.06	A		-7.1	3.54 - 6.58	0.61 A

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	0.0374	0.0364	A		2.7	0.0255 - 0.0473	0.0026 A
Cesium-134	2.27	2.22	A		2.3	1.55 - 2.89	0.08 A
Cesium-137	0.0044		A			False Positive Test	0.0077
Cobalt-57	1.08	1.11	A		-2.7	0.78 - 1.44	0.03 A
Cobalt-60	-0.0007		A			False Positive Test	0.0077
Manganese-54	1.54	1.52	A		1.3	1.06 - 1.98	0.08 A
Plutonium-238	0.0252	0.0278	A		-9.4	0.0195 - 0.0361	0.0023 A
Plutonium-239/240	.0329	0.0431	W		-23.7	0.0302 - 0.0560	.0026 A
Strontium-90	0.829	0.798	A		3.9	0.559 - 1.037	0.045 A
Uranium-234	0.0548	0.0603	A		-9.1	0.0422 - 0.0784	0.0040 A
Uranium-238	0.0599	0.063	A		-4.9	0.044 - 0.082	0.0042 A
Zinc-65	2.18	2.05	A		6.3	1.44 - 2.67	0.24 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(ERHD99) National Monitoring Section, Radiation Protection Bureau, Health Canada
775 Brookfield Road AL6302D1
Ottawa, Ontario K1A 1C1

Inorganic						Units: (ug/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Uranium-235	0.0386	0.0365	A		5.8	0.0256 - 0.0475	0.0008	A
Uranium-238	5.33	5.03	A		6.0	3.52 - 6.54	0.03	N
Uranium-Total	NR	5.06				3.54 - 6.58		

Radiological						Units: (Bq/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Americium-241	0.0326	0.0364	A		-10.4	0.0255 - 0.0473	0.0021	A
Cesium-134	2.61	2.22	A		17.6	1.55 - 2.89	0.13	A
Cesium-137	0.04		A			False Positive Test	0.07	
Cobalt-57	1.086	1.11	A		-2.2	0.78 - 1.44	0.054	A
Cobalt-60	0.040		A			False Positive Test	0.078	
Manganese-54	1.40	1.52	A		-7.9	1.06 - 1.98	0.42	W
Plutonium-238	0.0232	0.0278	A		-16.5	0.0195 - 0.0361	0.0011	A
Plutonium-239/240	0.0383	0.0431	A		-11.1	0.0302 - 0.0560	0.0014	A
Strontium-90	0.807	0.798	A		1.1	0.559 - 1.037	0.03	A
Uranium-234	0.0559	0.0603	A		-7.3	0.0422 - 0.0784	0.0020	A
Uranium-238	0.0556	0.063	A		-11.7	0.044 - 0.082	0.0020	A
Zinc-65	1.89	2.05	A		-7.8	1.44 - 2.67	0.19	A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(EULC01) EnergySolutions, LLC

2235 S. Saltbush Rd.

Grantsville, UT 84029

Inorganic						Units: (ug/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475		
Uranium-238	NR	5.03				3.52 - 6.54		
Uranium-Total	NR	5.06				3.54 - 6.58		

Radiological					Units: (Bq/sample)			
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Americium-241	0.061975	0.0364	N		70.3	0.0255 - 0.0473	.0216635	N
Cesium-134	1.84186	2.22	A		-17.0	1.55 - 2.89	0.121434	A
Cesium-137	-0.578		N	(29)		False Positive Test	0.07104	
Cobalt-57	1.09372	1.11	A		-1.5	0.78 - 1.44	0.137492	A
Cobalt-60	0.02183		A			False Positive Test	0.011525	
Manganese-54	1.5207	1.52	A		0.0	1.06 - 1.98	0.154956	A
Plutonium-238	NR	0.0278				0.0195 - 0.0361		
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560		
Strontium-90	NR	0.798				0.559 - 1.037		
Uranium-234	NR	0.0603				0.0422 - 0.0784		
Uranium-238	2.735225	0.063	N		4241.6	0.044 - 0.082	1.213137	N
Zinc-65	2.05942	2.05	A		0.5	1.44 - 2.67	0.196544	A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Laboratory Results For MAPEP-26-RdF54

(FANR79) Federal Authority for Nuclear Regulation, Environmental Laboratory

Zayed University, gate number 5

Abu Dhabi, Abu Dhabi 00971

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	0.095	0.0364	N		161.0	0.0255 - 0.0473	0.018 W
Cesium-134	1.51	2.22	N		-32.0	1.55 - 2.89	0.22 A
Cesium-137	-1.005		N	(29)		False Positive Test	0.002
Cobalt-57	0.65	1.11	N		-41.4	0.78 - 1.44	0.01 N
Cobalt-60	-1.032		N	(29)		False Positive Test	0.0025
Manganese-54	1.59	1.52	A		4.6	1.06 - 1.98	0.04 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	2.37	2.05	A		15.6	1.44 - 2.67	0.07 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(FDHE01) Florida Dept of Health Environmental Laboratory
2100 All Childrens Way
Orlando, FL 32818-5271

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	0.034	0.0364	A		-6.6	0.0255 - 0.0473	0.02 N
Cesium-134	2.272	2.22	A		2.3	1.55 - 2.89	0.04 N
Cesium-137	-0.0007		A			False Positive Test	0.04
Cobalt-57	1	1.11	A		-9.9	0.78 - 1.44	0.03 A
Cobalt-60	-0.0008		A			False Positive Test	0.0341
Manganese-54	1.487	1.52	A		-2.2	1.06 - 1.98	0.04 A
Plutonium-238	0.059	0.0278	N		112.2	0.0195 - 0.0361	0.04 N
Plutonium-239/240	0.044	0.0431	A		2.1	0.0302 - 0.0560	0.04 N
Strontium-90	1.02	0.798	W		27.8	0.559 - 1.037	0.11 A
Uranium-234	0.067	0.0603	A		11.1	0.0422 - 0.0784	0.04 N
Uranium-238	0.064	0.063	A		1.6	0.044 - 0.082	0.04 N
Zinc-65	2.117	2.05	A		3.3	1.44 - 2.67	0.071 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Laboratory Results For MAPEP-26-RdF54

(FDOH01) Florida Dept. of Health, Mobile Environmental Radiological Lab
2100 All Childrens Way
Orlando, FL 32818-5271

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Americium-241	0.034	0.0364	A		-6.6	0.0255 - 0.0473	0.006 W
Cesium-134	2.289	2.22	A		3.1	1.55 - 2.89	0.038 N
Cesium-137	0.015		A			False Positive Test	0.038
Cobalt-57	1.077	1.11	A		-3.0	0.78 - 1.44	0.022 A
Cobalt-60	0.003		A			False Positive Test	0.044
Manganese-54	1.505	1.52	A		-1.0	1.06 - 1.98	0.04 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	0.07	0.063	A		11.1	0.044 - 0.082	0.1 N
Zinc-65	2.115	2.05	A		3.2	1.44 - 2.67	0.078 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| <= 20%

W = Result acceptable with warning.....20% < |Bias| <= 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% <= RP <= 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(FNAL01) Fermi National Accelerator Laboratory (FermiLab)

PO Box 500, MS325

Batavia, IL 60510

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	2.001	2.22	A		-9.9	1.55 - 2.89	0.056 A
Cesium-137	0.001		A			False Positive Test	0.008
Cobalt-57	1.019	1.11	A		-8.2	0.78 - 1.44	0.045 A
Cobalt-60	0.007		A			False Positive Test	0.006
Manganese-54	1.445	1.52	A		-4.9	1.06 - 1.98	0.057 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	1.994	2.05	A		-2.7	1.44 - 2.67	0.071 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(GENE01) GEL Laboratories, LLC

2040 Savage Road

Charleston, SC 29407

Inorganic						Units: (ug/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Uranium-235	0.0387	0.0365	A		6.0	0.0256 - 0.0475	0.00252	A
Uranium-238	5.22	5.03	A		3.8	3.52 - 6.54	0.337	A
Uranium-Total	5.26	5.06	A		4.0	3.54 - 6.58	0.337	A

Radiological						Units: (Bq/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Americium-241	0.0364	0.0364	A		0.0	0.0255 - 0.0473	0.00218	A
Cesium-134	2.06	2.22	A		-7.2	1.55 - 2.89	0.127	A
Cesium-137	-0.00898		A			False Positive Test	0.0192	
Cobalt-57	1.18	1.11	A		6.3	0.78 - 1.44	0.0641	A
Cobalt-60	0.0102		A			False Positive Test	0.0178	
Manganese-54	1.71	1.52	A		12.5	1.06 - 1.98	0.113	A
Plutonium-238	0.0317	0.0278	A		14.0	0.0195 - 0.0361	0.00176	A
Plutonium-239/240	0.0407	0.0431	A		-5.6	0.0302 - 0.0560	0.00212	A
Strontium-90	0.556	0.798	N		-30.3	0.559 - 1.037	0.0788	A
Uranium-234	0.0607	0.0603	A		0.7	0.0422 - 0.0784	0.00339	A
Uranium-238	0.0604	0.063	A		-4.1	0.044 - 0.082	0.00336	A
Zinc-65	2.18	2.05	A		6.3	1.44 - 2.67	0.179	A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(GPCL01) Georgia Power Company Environmental Laboratory
2480 Maner Road
Atlanta, GA 30339

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	2.0869	2.22	A		-6.0	1.55 - 2.89	0.1566 A
Cesium-137	-0.0079		A			False Positive Test	0.0920
Cobalt-57	0.9638	1.11	A		-13.2	0.78 - 1.44	0.1021 A
Cobalt-60	-0.0136		A			False Positive Test	0.0812
Manganese-54	1.4048	1.52	A		-7.6	1.06 - 1.98	0.1626 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	2.0392	2.05	A		-0.5	1.44 - 2.67	0.2893 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(HECR01) SC Department of Environmental Services
8231 Parklane Road
Columbia, SC 29223

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	2.263	2.22	A		1.9	1.55 - 2.89	0.3195 A
Cesium-137	0.05757		A			False Positive Test	0.2961
Cobalt-57	0.8611	1.11	W		-22.4	0.78 - 1.44	0.2922 N
Cobalt-60	0.01628		A			False Positive Test	0.2365
Manganese-54	1.496	1.52	A		-1.6	1.06 - 1.98	0.3879 W
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	1.520	2.05	W		-25.9	1.44 - 2.67	0.6488 N

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54
(HPAL01) Los Alamos National Laboratory
Scott Engeman, z277361 MS G761
Los Alamos, NM 87545-1663

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Americium-241	NR	0.0364	N	(28)		0.0255 - 0.0473	
Cesium-134	1.86	2.22	A		-16.2	1.55 - 2.89	0.08 A
Cesium-137	NR		N	(11)		False Positive Test	
Cobalt-57	1.08	1.11	A		-2.7	0.78 - 1.44	0.07 A
Cobalt-60	NR					False Positive Test	
Manganese-54	1.73	1.52	A		13.8	1.06 - 1.98	0.12 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	NR	2.05				1.44 - 2.67	

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54
 (IAEA99) International Atomic Energy Agency
 Agency's Laboratories Seibersdorf
 Seibersdorf, Austria A-2444

Inorganic						Units: (ug/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475		
Uranium-238	NR	5.03				3.52 - 6.54		
Uranium-Total	NR	5.06				3.54 - 6.58		

Radiological					Units: (Bq/sample)			
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Americium-241	0.039	0.0364	A		7.1	0.0255 - 0.0473	0.034	N
Cesium-134	2.175	2.22	A		-2.0	1.55 - 2.89	0.064	A
Cesium-137	0.044		A			False Positive Test	0.036	
Cobalt-57	1.065	1.11	A		-4.1	0.78 - 1.44	0.037	A
Cobalt-60	0.056		A			False Positive Test	0.038	
Manganese-54	1.510	1.52	A		-0.7	1.06 - 1.98	0.114	A
Plutonium-238	NR	0.0278				0.0195 - 0.0361		
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560		
Strontium-90	NR	0.798				0.559 - 1.037		
Uranium-234	NR	0.0603				0.0422 - 0.0784		
Uranium-238	NR	0.063				0.044 - 0.082		
Zinc-65	2.025	2.05	A		-1.2	1.44 - 2.67	0.119	A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(IEMA01) Illinois Emergency Management Agency Radiochemistry Laboratory

1301 Knotts St.

Springfield, IL 62703

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	0.03659	0.0364	A		0.5	0.0255 - 0.0473	0.002104 A
Cesium-134	2.040	2.22	A		-8.1	1.55 - 2.89	0.065 A
Cesium-137	0.021		A			False Positive Test	0.034
Cobalt-57	1.07	1.11	A		-3.6	0.78 - 1.44	0.031 A
Cobalt-60	0.0326		A			False Positive Test	0.034
Manganese-54	1.490	1.52	A		-2.0	1.06 - 1.98	0.071 A
Plutonium-238	0.03114	0.0278	A		12.0	0.0195 - 0.0361	0.00181 A
Plutonium-239/240	0.04927	0.0431	A		14.3	0.0302 - 0.0560	0.00242 A
Strontium-90	0.7770	0.798	A		-2.6	0.559 - 1.037	0.0264 A
Uranium-234	0.05902	0.0603	A		-2.1	0.0422 - 0.0784	0.002698 A
Uranium-238	0.06299	0.063	A		0.0	0.044 - 0.082	0.002822 A
Zinc-65	2.01	2.05	A		-2.0	1.44 - 2.67	0.134 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Laboratory Results For MAPEP-26-RdF54
(ISUE01) ISU Environmental Monitoring Laboratory
785 5th 8th Ave Rm B107
Pocatello, ID 83209

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	2.06	2.22	A		-7.2	1.55 - 2.89	0.07 A
Cesium-137	-0.004		A			False Positive Test	0.01
Cobalt-57	1.16	1.11	A		4.5	0.78 - 1.44	0.03 A
Cobalt-60	0.02		A			False Positive Test	0.01
Manganese-54	1.77	1.52	A		16.4	1.06 - 1.98	0.06 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	2.54	2.05	W		23.9	1.44 - 2.67	0.10 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Laboratory Results For MAPEP-26-RdF54

(JAE99) Research Laboratories and Information Directorate
Jordan Atomic Energy Commission
Amman, Jordan 70 (11934)

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	2.17	2.22	A		-2.3	1.55 - 2.89	0.19 A
Cesium-137	NR					False Positive Test	
Cobalt-57	0.99	1.11	A		-10.8	0.78 - 1.44	0.09 A
Cobalt-60	NR					False Positive Test	
Manganese-54	1.44	1.52	A		-5.3	1.06 - 1.98	0.12 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	0.07	0.0603	A		16.1	0.0422 - 0.0784	0.006 A
Uranium-238	0.07	0.063	A		11.1	0.044 - 0.082	0.006 A
Zinc-65	2.15	2.05	A		4.9	1.44 - 2.67	0.21 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(JLNN01) Jefferson Laboratory

111 Hadron Drive

Newport News, VA 23606

Inorganic						Units: (ug/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475		
Uranium-238	NR	5.03				3.52 - 6.54		
Uranium-Total	NR	5.06				3.54 - 6.58		

Radiological					Units: (Bq/sample)			
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Americium-241	0.03335	0.0364	A		-8.4	0.0255 - 0.0473	0.0192	N
Cesium-134	1.6	2.22	W		-27.9	1.55 - 2.89	0.004845	N
Cesium-137	0.0056		A			False Positive Test	0.04158	
Cobalt-57	0.82415	1.11	W		-25.8	0.78 - 1.44	0.0241	A
Cobalt-60	0.03005		A			False Positive Test	0.0413	
Manganese-54	1.19	1.52	W		-21.7	1.06 - 1.98	0.0482	A
Plutonium-238	NR	0.0278				0.0195 - 0.0361		
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560		
Strontium-90	NR	0.798				0.559 - 1.037		
Uranium-234	NR	0.0603				0.0422 - 0.0784		
Uranium-238	NR	0.063				0.044 - 0.082		
Zinc-65	1.72	2.05	A		-16.1	1.44 - 2.67	0.0957	A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Laboratory Results For MAPEP-26-RdF54
(JNRC99) Energy and Mineral Regulatory Commission
Radiological laboratories directorate
Amman, Amman 11821

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	2.3	2.22	A		3.6	1.55 - 2.89	0.3 A
Cesium-137	NR		N	(11)		False Positive Test	
Cobalt-57	1.1	1.11	A		-0.9	0.78 - 1.44	0.1 A
Cobalt-60	NR					False Positive Test	
Manganese-54	1.5	1.52	A		-1.3	1.06 - 1.98	0.2 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	1.9	2.05	A		-7.3	1.44 - 2.67	0.1 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(LAWR01) LAWRENCE BERKELEY NATIONAL LABORATORY
1 CYCLOTRON RD.
BERKELEY, CA 94720

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	2.09	2.22	A		-5.9	1.55 - 2.89	0.233 A
Cesium-137	NR		N	(11)		False Positive Test	
Cobalt-57	1.19	1.11	A		7.2	0.78 - 1.44	0.126 A
Cobalt-60	NR					False Positive Test	
Manganese-54	1.77	1.52	A		16.4	1.06 - 1.98	0.261 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	2.62	2.05	W		27.8	1.44 - 2.67	0.504 W

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(LOCK03) Advanced Test Reactor (ATR) Complex Radioanalytical Laboratory

INL/Battelle Energy Alliance, LLC

Idaho Falls, ID 83415-7111

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	1.88	2.22	A		-15.3	1.55 - 2.89	0.04 A
Cesium-137	0.07		A			False Positive Test	0.04
Cobalt-57	0.99	1.11	A		-10.8	0.78 - 1.44	0.03 A
Cobalt-60	-0.01		A			False Positive Test	0.04
Manganese-54	1.55	1.52	A		2.0	1.06 - 1.98	0.06 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	2.19	2.05	A		6.8	1.44 - 2.67	0.1 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54
 (MART01) Southern Ohio Cleanup Company LLC
 COC, Bldg. X-705, Rm 106
 Piketon, OH 45661

Inorganic						Units: (ug/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475		
Uranium-238	NR	5.03				3.52 - 6.54		
Uranium-Total	NR	5.06				3.54 - 6.58		

Radiological					Units: (Bq/sample)			
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Americium-241	0.0362	0.0364	A		-0.5	0.0255 - 0.0473	0.003682	A
Cesium-134	NR	2.22				1.55 - 2.89		
Cesium-137	NR					False Positive Test		
Cobalt-57	NR	1.11				0.78 - 1.44		
Cobalt-60	NR					False Positive Test		
Manganese-54	NR	1.52				1.06 - 1.98		
Plutonium-238	0.0377	0.0278	N		35.6	0.0195 - 0.0361	0.003848	A
Plutonium-239/240	0.0506	0.0431	A		17.4	0.0302 - 0.0560	0.004517	A
Strontium-90	NR	0.798				0.559 - 1.037		
Uranium-234	0.0660	0.0603	A		9.5	0.0422 - 0.0784	0.005721	A
Uranium-238	0.0709	0.063	A		12.5	0.044 - 0.082	0.005991	A
Zinc-65	NR	2.05				1.44 - 2.67		

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54
(MART03) Radioactive Material Analysis Laboratory
ORNL
Oak Ridge, TN 37830

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	0.0309	0.0364	A		-15.1	0.0255 - 0.0473	0.0032 A
Cesium-134	2.049	2.22	A		-7.7	1.55 - 2.89	0.033 N
Cesium-137	0.060		A			False Positive Test	0.060
Cobalt-57	1.080	1.11	A		-2.7	0.78 - 1.44	0.023 A
Cobalt-60	0.057		A			False Positive Test	0.057
Manganese-54	1.431	1.52	A		-5.9	1.06 - 1.98	0.040 A
Plutonium-238	0.0293	0.0278	A		5.4	0.0195 - 0.0361	0.0029 A
Plutonium-239/240	0.0416	0.0431	A		-3.5	0.0302 - 0.0560	0.0032 A
Strontium-90	0.749	0.798	A		-6.1	0.559 - 1.037	0.036 A
Uranium-234	0.0582	0.0603	A		-3.5	0.0422 - 0.0784	0.0046 A
Uranium-238	0.0534	0.063	A		-15.2	0.044 - 0.082	0.0043 A
Zinc-65	2.276	2.05	A		11.0	1.44 - 2.67	0.088 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Laboratory Results For MAPEP-26-RdF54
(MDPH01) MDPH-Division of Radiation Control
MERL-Room 0066
Jamaica Plain, MA 02130-3597

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	1.85	2.22	A		-16.7	1.55 - 2.89	0.08 A
Cesium-137	NR					False Positive Test	
Cobalt-57	0.96	1.11	A		-13.5	0.78 - 1.44	0.06 A
Cobalt-60	NR					False Positive Test	
Manganese-54	1.44	1.52	A		-5.3	1.06 - 1.98	0.07 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	1.88	2.05	A		-8.3	1.44 - 2.67	0.11 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Laboratory Results For MAPEP-26-RdF54

(MNDH01) Minnesota Department of Health, Public Health Lab. Division
601 Robert St. N.
St. Paul, MN 55155

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	0.039	0.0364	A		7.1	0.0255 - 0.0473	0.034 N
Cesium-134	1.461	2.22	N		-34.2	1.55 - 2.89	0.020 N
Cesium-137	0.0002		A			False Positive Test	0.011
Cobalt-57	0.914	1.11	A		-17.7	0.78 - 1.44	0.011 N
Cobalt-60	-0.024		A			False Positive Test	0.011
Manganese-54	1.295	1.52	A		-14.8	1.06 - 1.98	0.022 N
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	1.806	2.05	A		-11.9	1.44 - 2.67	0.044 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(NARL01) National Analytical Radiation Environmental Laboratory

540 S. Morris Ave.

Montgomery, AL 36115-2601

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Americium-241	0.0403	0.0364	A		10.7	0.0255 - 0.0473	0.00504 A
Cesium-134	2.15	2.22	A		-3.2	1.55 - 2.89	0.119 A
Cesium-137	-0.00932		A			False Positive Test	0.0152
Cobalt-57	1.08	1.11	A		-2.7	0.78 - 1.44	0.0620 A
Cobalt-60	0.00950		A			False Positive Test	0.0139
Manganese-54	1.63	1.52	A		7.2	1.06 - 1.98	0.0939 A
Plutonium-238	0.0325	0.0278	A		16.9	0.0195 - 0.0361	0.00427 A
Plutonium-239/240	0.0450	0.0431	A		4.4	0.0302 - 0.0560	0.00514 A
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	0.0490	0.0603	A		-18.7	0.0422 - 0.0784	0.00473 A
Uranium-238	0.0563	0.063	A		-10.6	0.044 - 0.082	0.00514 A
Zinc-65	2.43	2.05	A		18.5	1.44 - 2.67	0.145 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(NESI01) BWXT-Radioisotope & Analytical Chemistry Laboratory

Lynchburg Technology Center

Lynchburg, VA 24504-5447

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	0.033	0.0364	A		-9.3	0.0255 - 0.0473	0.005 W
Cesium-134	1.93	2.22	A		-13.1	1.55 - 2.89	0.102 A
Cesium-137	0.075		A			False Positive Test	0.089
Cobalt-57	1.12	1.11	A		0.9	0.78 - 1.44	0.044 A
Cobalt-60	0.073		A			False Positive Test	0.090
Manganese-54	1.59	1.52	A		4.6	1.06 - 1.98	0.101 A
Plutonium-238	0.024	0.0278	A		-13.7	0.0195 - 0.0361	0.003 A
Plutonium-239/240	0.034	0.0431	W		-21.1	0.0302 - 0.0560	0.004 A
Strontium-90	0.826	0.798	A		3.5	0.559 - 1.037	0.064 A
Uranium-234	0.057	0.0603	A		-5.5	0.0422 - 0.0784	0.004 A
Uranium-238	0.06	0.063	A		-4.8	0.044 - 0.082	0.005 A
Zinc-65	2.28	2.05	A		11.2	1.44 - 2.67	0.184 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Laboratory Results For MAPEP-26-RdF54
(NJDH01) New Jersey Dept. of Health, ECLS
3 Schwarzkopf Drive
Ewing, NJ 08628

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	1.97	2.22	A		-11.3	1.55 - 2.89	0.142 A
Cesium-137	0.091		A			False Positive Test	0.051
Cobalt-57	0.997	1.11	A		-10.2	0.78 - 1.44	0.109 A
Cobalt-60	0.038		A			False Positive Test	0.043
Manganese-54	1.28	1.52	A		-15.8	1.06 - 1.98	0.104 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	1.76	2.05	A		-14.1	1.44 - 2.67	0.147 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(NOCS99) National Oceanography Centre, Southampton

GAU-Radioanalytical

Southampton, Hampshire SO14 3ZH

Inorganic						Units: (ug/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Uranium-235	0.032	0.0365	A		-12.3	0.0256 - 0.0475	0.002	A
Uranium-238	4.6	5.03	A		-8.5	3.52 - 6.54	0.2	A
Uranium-Total	4.6	5.06	A		-9.1	3.54 - 6.58	0.2	A

Radiological						Units: (Bq/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Americium-241	0.039	0.0364	A		7.1	0.0255 - 0.0473	0.003	A
Cesium-134	2.10	2.22	A		-5.4	1.55 - 2.89	0.05	A
Cesium-137	0.03		A			False Positive Test	0.3	
Cobalt-57	0.91	1.11	A		-18.0	0.78 - 1.44	0.04	A
Cobalt-60	0.05		A			False Positive Test	0.5	
Manganese-54	1.31	1.52	A		-13.8	1.06 - 1.98	0.05	A
Plutonium-238	0.025	0.0278	A		-10.1	0.0195 - 0.0361	0.002	A
Plutonium-239/240	0.036	0.0431	A		-16.5	0.0302 - 0.0560	0.002	A
Strontium-90	0.77	0.798	A		-3.5	0.559 - 1.037	0.05	A
Uranium-234	0.056	0.0603	A		-7.1	0.0422 - 0.0784	0.003	A
Uranium-238	0.058	0.063	A		-7.9	0.044 - 0.082	0.003	A
Zinc-65	1.8	2.05	A		-12.2	1.44 - 2.67	0.1	A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(ODHL01) Ohio Department of Health Laboratory

8995 E Main Street

Reynoldsburg, OH 43068

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	2.04	2.22	A		-8.1	1.55 - 2.89	0.0660 A
Cesium-137	0.00208		A			False Positive Test	0.00964
Cobalt-57	1.03	1.11	A		-7.2	0.78 - 1.44	0.0743 A
Cobalt-60	0.0122		A			False Positive Test	0.00409
Manganese-54	1.39	1.52	A		-8.6	1.06 - 1.98	0.0875 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	1.86	2.05	A		-9.3	1.44 - 2.67	0.0944 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Laboratory Results For MAPEP-26-RdF54

(RPSC01) Radiation Protection Service

O. Ministry of Labour, Immigration, Training & Skills Development

Mississauga, Ontario L4V 1W8

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	2.13	2.22	A		-4.1	1.55 - 2.89	0.0351 N
Cesium-137	0.0585		A			False Positive Test	0.0541
Cobalt-57	1.06	1.11	A		-4.5	0.78 - 1.44	0.0227 A
Cobalt-60	0.0953		A			False Positive Test	0.0643
Manganese-54	1.33	1.52	A		-12.5	1.06 - 1.98	0.0395 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	1.85	2.05	A		-9.8	1.44 - 2.67	0.0645 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Laboratory Results For MAPEP-26-RdF54

(SANC99) RadioAnalysis, South Africa Nuclear Energy Corp.

Sample Receipt Gate 1

Pretoria, Gauteng 0001

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	0.04	0.0364	A		9.9	0.0255 - 0.0473	0.04 N
Cesium-134	2.453	2.22	A		10.5	1.55 - 2.89	0.085 A
Cesium-137	0.04		A			False Positive Test	0.04
Cobalt-57	1.330	1.11	A		19.8	0.78 - 1.44	0.098 A
Cobalt-60	0.045		A			False Positive Test	0.045
Manganese-54	1.866	1.52	W		22.8	1.06 - 1.98	0.115 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	2.490	2.05	W		21.5	1.44 - 2.67	0.109 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| <= 20%

W = Result acceptable with warning.....20% < |Bias| <= 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% <= RP <= 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Laboratory Results For MAPEP-26-RdF54
(SEML01) SRS Environmental Monitoring Laboratory
Bldg 735-B
Aiken, SC 29808

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	0.0322	0.0364	A		-11.5	0.0255 - 0.0473	0.0018 A
Cesium-134	2.14	2.22	A		-3.6	1.55 - 2.89	0.17 A
Cesium-137	0.0004		A			False Positive Test	0.0765
Cobalt-57	1.00	1.11	A		-9.9	0.78 - 1.44	0.10 A
Cobalt-60	0.025		A			False Positive Test	0.060
Manganese-54	1.44	1.52	A		-5.3	1.06 - 1.98	0.16 A
Plutonium-238	0.0288	0.0278	A		3.6	0.0195 - 0.0361	0.0016 A
Plutonium-239/240	0.0437	0.0431	A		1.4	0.0302 - 0.0560	0.0022 A
Strontium-90	0.724	0.798	A		-9.3	0.559 - 1.037	0.055 A
Uranium-234	0.0588	0.0603	A		-2.5	0.0422 - 0.0784	0.0027 A
Uranium-238	0.0596	0.063	A		-5.4	0.044 - 0.082	0.0027 A
Zinc-65	1.93	2.05	A		-5.9	1.44 - 2.67	0.25 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54
 (SLDA01) USACE SLDA FUSRAP Project
 2992 River Road
 Vandergrift, PA 15690

Inorganic						Units: (ug/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475		
Uranium-238	NR	5.03				3.52 - 6.54		
Uranium-Total	NR	5.06				3.54 - 6.58		

Radiological					Units: (Bq/sample)			
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Americium-241	0.0338	0.0364	A		-7.1	0.0255 - 0.0473	0.01075	N
Cesium-134	1.8630	2.22	A		-16.1	1.55 - 2.89	0.0821	A
Cesium-137	0.0118		A			False Positive Test	0.03115	
Cobalt-57	0.9277	1.11	A		-16.4	0.78 - 1.44	0.04495	A
Cobalt-60	0.0183		A			False Positive Test	0.03116	
Manganese-54	1.2712	1.52	A		-16.4	1.06 - 1.98	0.0876	A
Plutonium-238	0.0342	0.0278	W		23.0	0.0195 - 0.0361	0.01101	N
Plutonium-239/240	0.0445	0.0431	A		3.2	0.0302 - 0.0560	0.0119	W
Strontium-90	NR	0.798				0.559 - 1.037		
Uranium-234	0.0757	0.0603	W		25.5	0.0422 - 0.0784	0.0239	N
Uranium-238	0.0490	0.063	W		-22.2	0.044 - 0.082	0.0201	N
Zinc-65	1.7600	2.05	A		-14.1	1.44 - 2.67	0.16545	A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(SMER01) State of Michigan EGLE Radiological Lab

815 Filley St.

Lansing, MI 48906

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	2.07	2.22	A		-6.8	1.55 - 2.89	0.14 A
Cesium-137	-0.004		A			False Positive Test	0.055
Cobalt-57	1.22	1.11	A		9.9	0.78 - 1.44	0.18 A
Cobalt-60	-0.03		A			False Positive Test	0.05
Manganese-54	1.62	1.52	A		6.6	1.06 - 1.98	0.21 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	2.20	2.05	A		7.3	1.44 - 2.67	0.23 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(SOUT01) Southwest Research Institute

6220 Culebra Rd.

San Antonio, TX 78238-5166

Inorganic						Units: (ug/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Uranium-235	0.0368	0.0365	A		0.8	0.0256 - 0.0475	0.00655	W
Uranium-238	4.83	5.03	A		-4.0	3.52 - 6.54	0.773	W
Uranium-Total	4.87	5.06	A		-3.8	3.54 - 6.58	0.780	W

Radiological						Units: (Bq/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Americium-241	0.0437	0.0364	W		20.1	0.0255 - 0.0473	0.00693	W
Cesium-134	1.96	2.22	A		-11.7	1.55 - 2.89	0.0785	A
Cesium-137	0.0118		A			False Positive Test	0.0515	
Cobalt-57	1.14	1.11	A		2.7	0.78 - 1.44	0.0359	A
Cobalt-60	-0.00822		A			False Positive Test	0.0496	
Manganese-54	1.77	1.52	A		16.4	1.06 - 1.98	0.0896	A
Plutonium-238	0.0296	0.0278	A		6.5	0.0195 - 0.0361	0.00678	W
Plutonium-239/240	0.0593	0.0431	N		37.6	0.0302 - 0.0560	0.00926	W
Strontium-90	0.737	0.798	A		-7.6	0.559 - 1.037	0.0904	A
Uranium-234	0.0600	0.0603	A		-0.5	0.0422 - 0.0784	0.00641	A
Uranium-238	0.0674	0.063	A		7.0	0.044 - 0.082	0.00693	A
Zinc-65	2.44	2.05	A		19.0	1.44 - 2.67	0.159	A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(SRPD01) Sandia National Laboratories, Radiation Protection Sample Diagnostics

PO Box 5800, MS1103

Albuquerque, NM 87185-1103

Inorganic						Units: (ug/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475		
Uranium-238	NR	5.03				3.52 - 6.54		
Uranium-Total	NR	5.06				3.54 - 6.58		

Radiological						Units: (Bq/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Americium-241	NR	0.0364				0.0255 - 0.0473		
Cesium-134	1.98E+00	2.22	A		-10.8	1.55 - 2.89	1.66E-01	A
Cesium-137	3.04E-02		A			False Positive Test	2.37E-02	
Cobalt-57	1.03E+00	1.11	A		-7.2	0.78 - 1.44	1.06E-01	A
Cobalt-60	-2.52E-02		A			False Positive Test	2.32E-02	
Manganese-54	1.41E+00	1.52	A		-7.2	1.06 - 1.98	9.92E-02	A
Plutonium-238	NR	0.0278				0.0195 - 0.0361		
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560		
Strontium-90	NR	0.798				0.559 - 1.037		
Uranium-234	NR	0.0603				0.0422 - 0.0784		
Uranium-238	NR	0.063				0.044 - 0.082		
Zinc-65	1.88E+00	2.05	A		-8.3	1.44 - 2.67	1.27E-01	A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| <= 20%

W = Result acceptable with warning.....20% < |Bias| <= 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% <= RP <= 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Laboratory Results For MAPEP-26-RdF54

(STRL01) South Texas Project Radiological Laboratory

12090 FM 521

Wadsworth, TX 77483

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	1.9073	2.22	A		-14.1	1.55 - 2.89	0.041 A
Cesium-137	NR					False Positive Test	
Cobalt-57	1.069	1.11	A		-3.7	0.78 - 1.44	0.064 A
Cobalt-60	NR					False Positive Test	
Manganese-54	1.553	1.52	A		2.2	1.06 - 1.98	0.046 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	2.362	2.05	A		15.2	1.44 - 2.67	0.072 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Laboratory Results For MAPEP-26-RdF54

(TDHL01) Texas Department of State Health Services Laboratory
1100 W 49th Street
Austin, TX 78756

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Americium-241	0.0486	0.0364	N		33.5	0.0255 - 0.0473	0.0074 W
Cesium-134	1.782	2.22	A		-19.7	1.55 - 2.89	0.039 A
Cesium-137	0.001		A			False Positive Test	0.023
Cobalt-57	0.924	1.11	A		-16.8	0.78 - 1.44	0.029 A
Cobalt-60	0.023		A			False Positive Test	0.024
Manganese-54	1.367	1.52	A		-10.1	1.06 - 1.98	0.049 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	0.747	0.798	A		-6.4	0.559 - 1.037	0.028 A
Uranium-234	0.0474	0.0603	W		-21.4	0.0422 - 0.0784	0.0061 A
Uranium-238	0.0496	0.063	W		-21.3	0.044 - 0.082	0.0062 A
Zinc-65	1.837	2.05	A		-10.4	1.44 - 2.67	0.081 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(TELE02) Microbac Laboratories Inc. - Northbrook
700 Landwehr Road
Northbrook, IL 60062-

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	1.81	2.22	A		-18.5	1.55 - 2.89	0.06 A
Cesium-137	0.049		A			False Positive Test	0.026
Cobalt-57	1.18	1.11	A		6.3	0.78 - 1.44	0.05 A
Cobalt-60	0.039		A			False Positive Test	0.020
Manganese-54	1.72	1.52	A		13.2	1.06 - 1.98	0.09 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	2.35	2.05	A		14.6	1.44 - 2.67	0.14 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54
(TMAO01) EBERLINE Analytical Corporation
601 A SCARBORO RD
OAK RIDGE, TN 37830-

Inorganic						Units: (ug/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475		
Uranium-238	NR	5.03				3.52 - 6.54		
Uranium-Total	NR	5.06				3.54 - 6.58		

Radiological					Units: (Bq/sample)			
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Americium-241	0.039	0.0364	A		7.1	0.0255 - 0.0473	0.022	N
Cesium-134	1.463	2.22	N		-34.1	1.55 - 2.89	0.174	A
Cesium-137	0.035		A			False Positive Test	0.088	
Cobalt-57	0.831	1.11	W		-25.1	0.78 - 1.44	0.143	W
Cobalt-60	0.074		A			False Positive Test	0.095	
Manganese-54	1.180	1.52	W		-22.4	1.06 - 1.98	0.289	W
Plutonium-238	0.015	0.0278	N		-46.0	0.0195 - 0.0361	0.018	N
Plutonium-239/240	0.022	0.0431	N		-49.0	0.0302 - 0.0560	0.020	N
Strontium-90	0.821	0.798	A		2.9	0.559 - 1.037	0.098	A
Uranium-234	0.040	0.0603	N		-33.7	0.0422 - 0.0784	0.017	N
Uranium-238	0.047	0.063	W		-25.4	0.044 - 0.082	0.023	N
Zinc-65	1.756	2.05	A		-14.3	1.44 - 2.67	0.462	W

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Laboratory Results For MAPEP-26-RdF54
(WIPH01) WI, DPH, Radiation Protection Section
201 E Washington Ave
Madison, WI 53703

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	-0.062	0.0364	N		-270.3	0.0255 - 0.0473	0.077 N
Cesium-134	2.009	2.22	A		-9.5	1.55 - 2.89	0.071 A
Cesium-137	0.007		A			False Positive Test	0.013
Cobalt-57	0.975	1.11	A		-12.2	0.78 - 1.44	0.081 A
Cobalt-60	0.016		A			False Positive Test	0.012
Manganese-54	1.316	1.52	A		-13.4	1.06 - 1.98	0.088 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	1.73	2.05	A		-15.6	1.44 - 2.67	0.116 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| <= 20%

W = Result acceptable with warning.....20% < |Bias| <= 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% <= RP <= 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Laboratory Results For MAPEP-26-RdF54

(WMGS01) Westinghouse (Waltz Mill Gamma Spectroscopy Lab)

680 waltz mill road

Madison, PA 15663

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	1.76	2.22	W		-20.7	1.55 - 2.89	.0701 A
Cesium-137	NR		N	(11)		False Positive Test	
Cobalt-57	1.11	1.11	A		0.0	0.78 - 1.44	.0594 A
Cobalt-60	1.11		N	(1)		False Positive Test	.0677
Manganese-54	1.95	1.52	W		28.3	1.06 - 1.98	.126 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	2.41	2.05	A		17.6	1.44 - 2.67	.189 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(WSHL01) Wisconsin State Laboratory of Hygiene

2601 Agriculture Drive

Madison, WI 53718

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Americium-241	0.03872	0.0364	A		6.4	0.0255 - 0.0473	0.003886 A
Cesium-134	2.00	2.22	A		-9.9	1.55 - 2.89	0.0472 A
Cesium-137	-.0418		A			False Positive Test	0.015
Cobalt-57	1.06	1.11	A		-4.5	0.78 - 1.44	0.0295 A
Cobalt-60	0.0155		A			False Positive Test	0.0177
Manganese-54	1.48	1.52	A		-2.6	1.06 - 1.98	.0668 A
Plutonium-238	0.03468	0.0278	W		24.7	0.0195 - 0.0361	0.004011 A
Plutonium-239/240	0.04850	0.0431	A		12.5	0.0302 - 0.0560	0.004676 A
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	0.06357	0.0603	A		5.4	0.0422 - 0.0784	0.005453 A
Uranium-238	0.05766	0.063	A		-8.5	0.044 - 0.082	0.005095 A
Zinc-65	2.12	2.05	A		3.4	1.44 - 2.67	0.176 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Laboratory Results For MAPEP-26-RdF54
(WVDP01) WVDP Environmental Laboratory
10282 Rock Springs Road
West Valley, NY 14171

Inorganic						Units: (ug/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Uranium-235	NR	0.0365				0.0256 - 0.0475	
Uranium-238	NR	5.03				3.52 - 6.54	
Uranium-Total	NR	5.06				3.54 - 6.58	

Radiological						Units: (Bq/sample)	
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value Unc Flag
Americium-241	NR	0.0364				0.0255 - 0.0473	
Cesium-134	2.04	2.22	A		-8.1	1.55 - 2.89	0.0689 A
Cesium-137	-0.00944		A			False Positive Test	0.0104
Cobalt-57	1.04	1.11	A		-6.3	0.78 - 1.44	0.0499 A
Cobalt-60	-0.00149		A			False Positive Test	0.00587
Manganese-54	1.51	1.52	A		-0.7	1.06 - 1.98	0.0717 A
Plutonium-238	NR	0.0278				0.0195 - 0.0361	
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560	
Strontium-90	NR	0.798				0.559 - 1.037	
Uranium-234	NR	0.0603				0.0422 - 0.0784	
Uranium-238	NR	0.063				0.044 - 0.082	
Zinc-65	2.10	2.05	A		2.4	1.44 - 2.67	0.141 A

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| <= 20%

W = Result acceptable with warning.....20% < |Bias| <= 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% <= RP <= 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations



Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-26-RdF54

(YPGA01) US Army Yuma Proving Ground / Material Analysis Lab

301 C. Street

Yuma, AZ 85365

Inorganic						Units: (ug/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Uranium-235	0.029	0.0365	W		-20.5	0.0256 - 0.0475	0.003	A
Uranium-238	3.97	5.03	W		-21.1	3.52 - 6.54	0.28	A
Uranium-Total	4.00	5.06	W		-20.9	3.54 - 6.58	0.28	A

Radiological						Units: (Bq/sample)		
Analyte	Result	Ref Value	Flag	Notes	Bias (%)	Acceptance Range	Unc Value	Unc Flag
Americium-241	NR	0.0364				0.0255 - 0.0473		
Cesium-134	NR	2.22				1.55 - 2.89		
Cesium-137	NR					False Positive Test		
Cobalt-57	NR	1.11				0.78 - 1.44		
Cobalt-60	NR					False Positive Test		
Manganese-54	NR	1.52				1.06 - 1.98		
Plutonium-238	NR	0.0278				0.0195 - 0.0361		
Plutonium-239/240	NR	0.0431				0.0302 - 0.0560		
Strontium-90	NR	0.798				0.559 - 1.037		
Uranium-234	NR	0.0603				0.0422 - 0.0784		
Uranium-238	NR	0.063				0.044 - 0.082		
Zinc-65	NR	2.05				1.44 - 2.67		

Radiological Reference Date: February 1, 2026

Results Flags:

A = Result acceptable.....|Bias| ≤ 20%

W = Result acceptable with warning.....20% < |Bias| ≤ 30%

N = Result not acceptable.....|Bias| > 30%

RW = Report Warning

NR = Not Reported

Uncertainty Flags:

N = NOT ACCEPTABLE.....RP < 2%

A = ACCEPTABLE.....2% ≤ RP ≤ 15%

W = ACCEPTABLE WITH WARNING.....15% <= RP <= 30%

N = NOT ACCEPTABLE.....RP > 30%

Relative Precision (RP) = (Reported Uncertainty / Reported Result) x 100

Notes:

(1) = False Positive

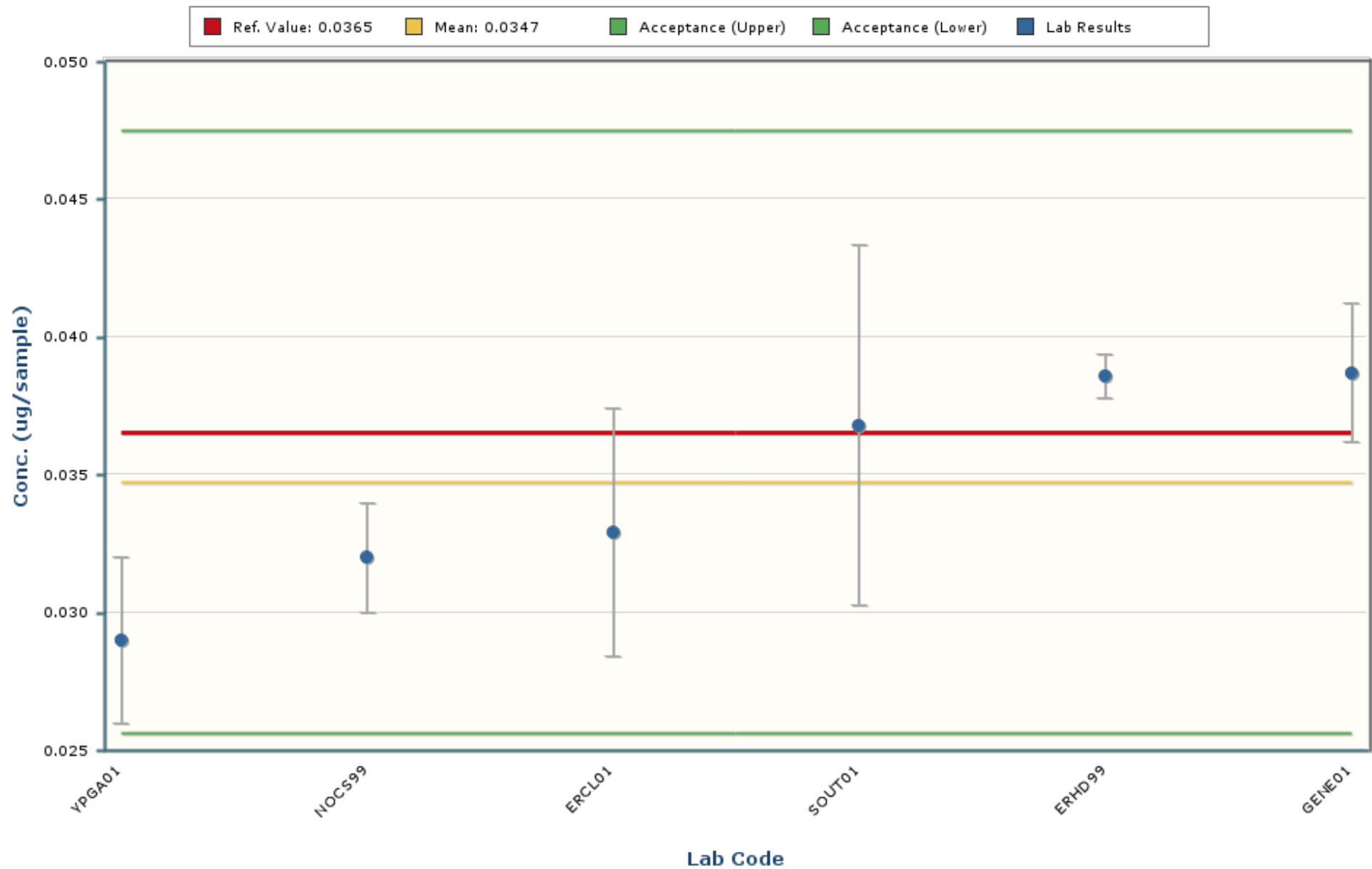
(11) = False Positive Test, Result Not Reported

(28) = Not Reporting Previously Reported Analyte

(29) = Statistically significant negative value at 3 standard deviations

Uranium-235

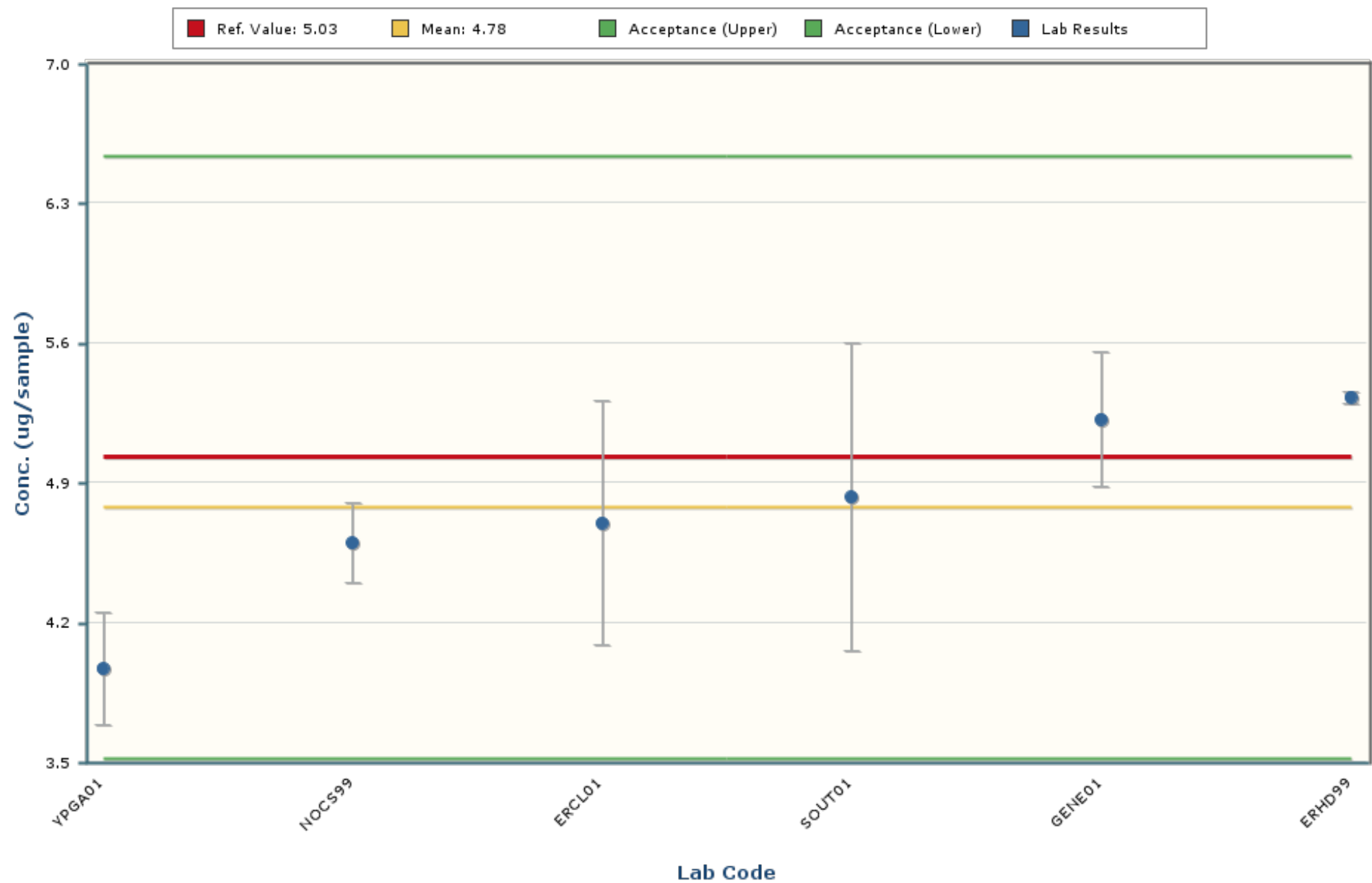
MAPEP-26-RdF54



Notes:
The chart mean excludes values outside of a bias range of $\pm 30\%$.
The chart shows only data points with values between 0.0148 and 0.0545 (± 5 Standard Deviations).
The error bars encompassing each result are plotted at $\pm$ one standard deviation.

Uranium-238

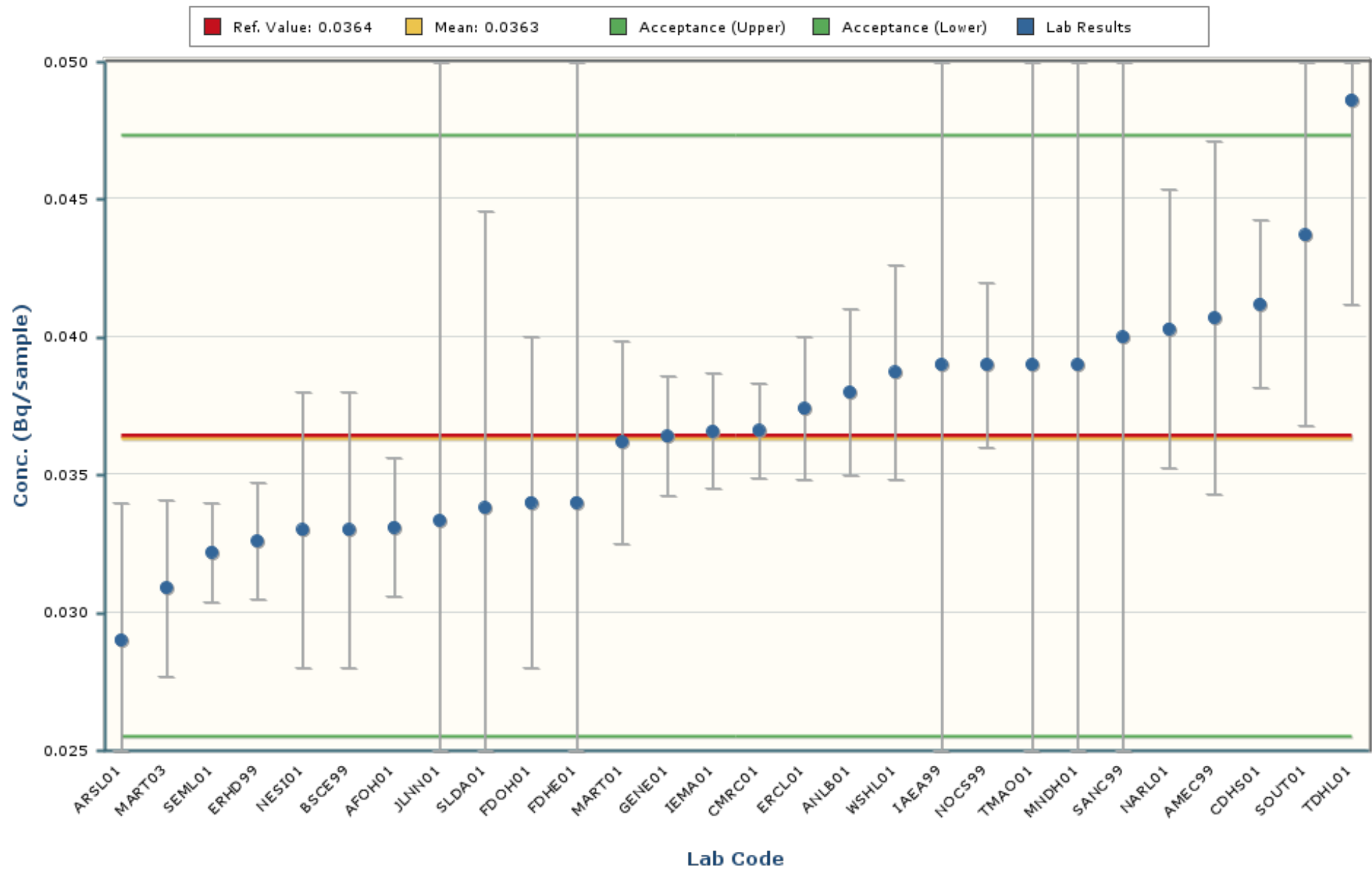
MAPEP-26-RdF54



Notes:
The chart mean excludes values outside of a bias range of $\pm 30\%$.
The chart shows only data points with values between 2.33 and 7.22 (± 5 Standard Deviations).
The error bars encompassing each result are plotted at $\pm$ one standard deviation.

Americium-241

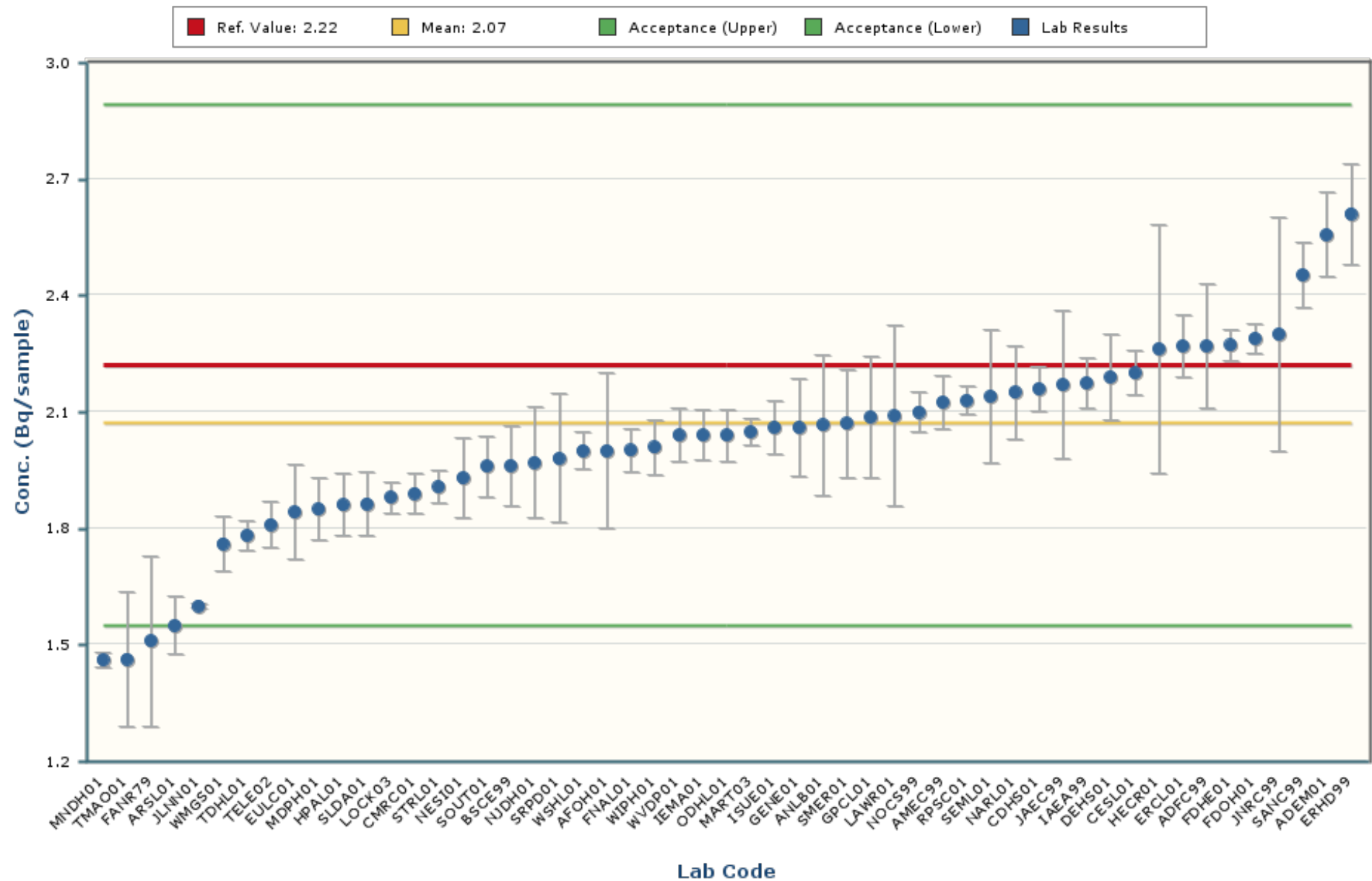
MAPEP-26-RdF54



Notes:
The chart mean excludes values outside of a bias range of $\pm 30\%$.
The chart shows only data points with values between 0.0183 and 0.0543 (± 5 Standard Deviations).
The error bars encompassing each result are plotted at $\pm$ one standard deviation.

Cesium-134

MAPEP-26-RdF54



Notes:

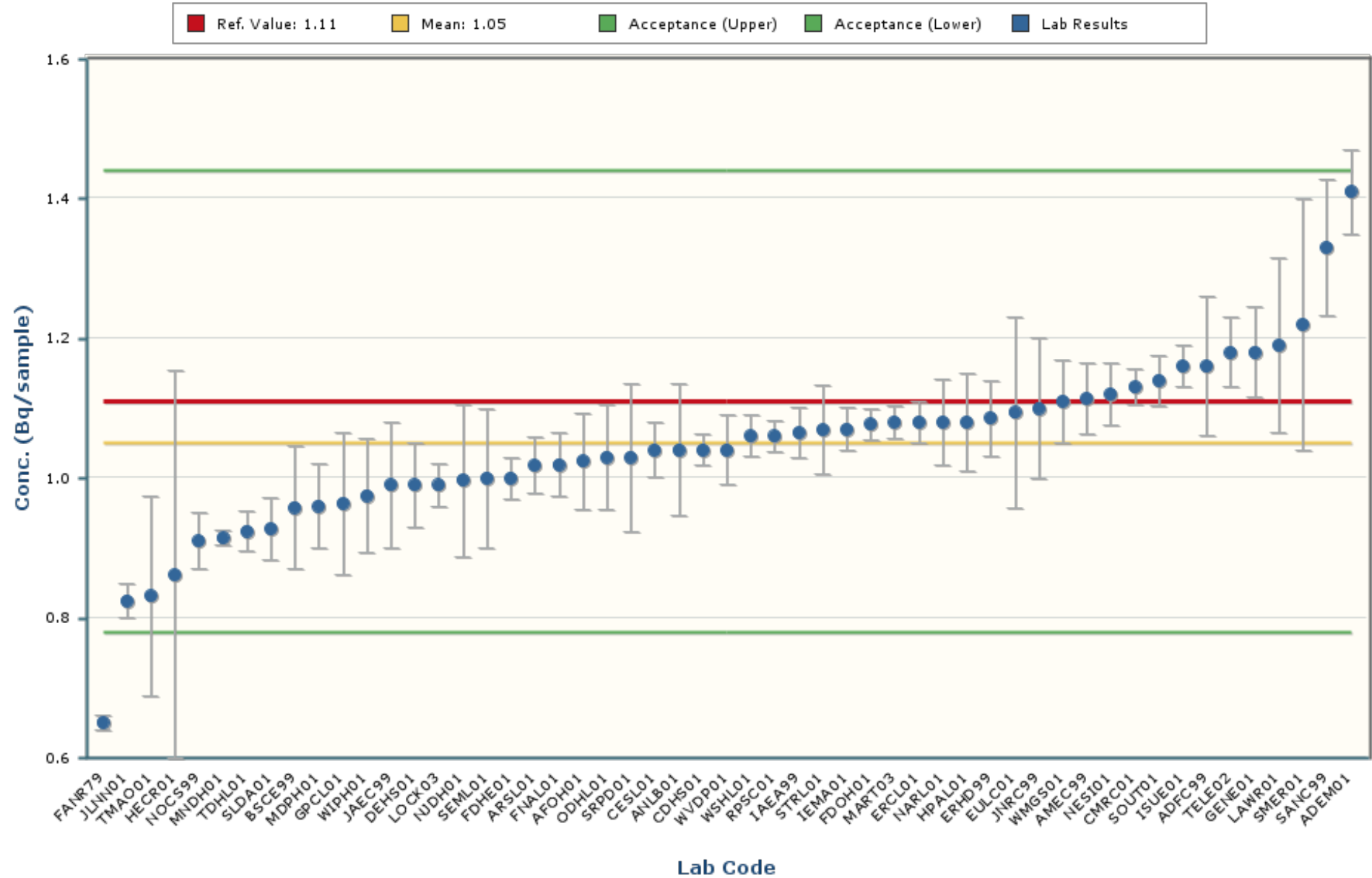
The chart mean excludes values outside of a bias range of $\pm 30\%$.

The chart shows only data points with values between 1.09 and 3.05 (± 5 Standard Deviations).

The error bars encompassing each result are plotted at $\pm$ one standard deviation.

Cobalt-57

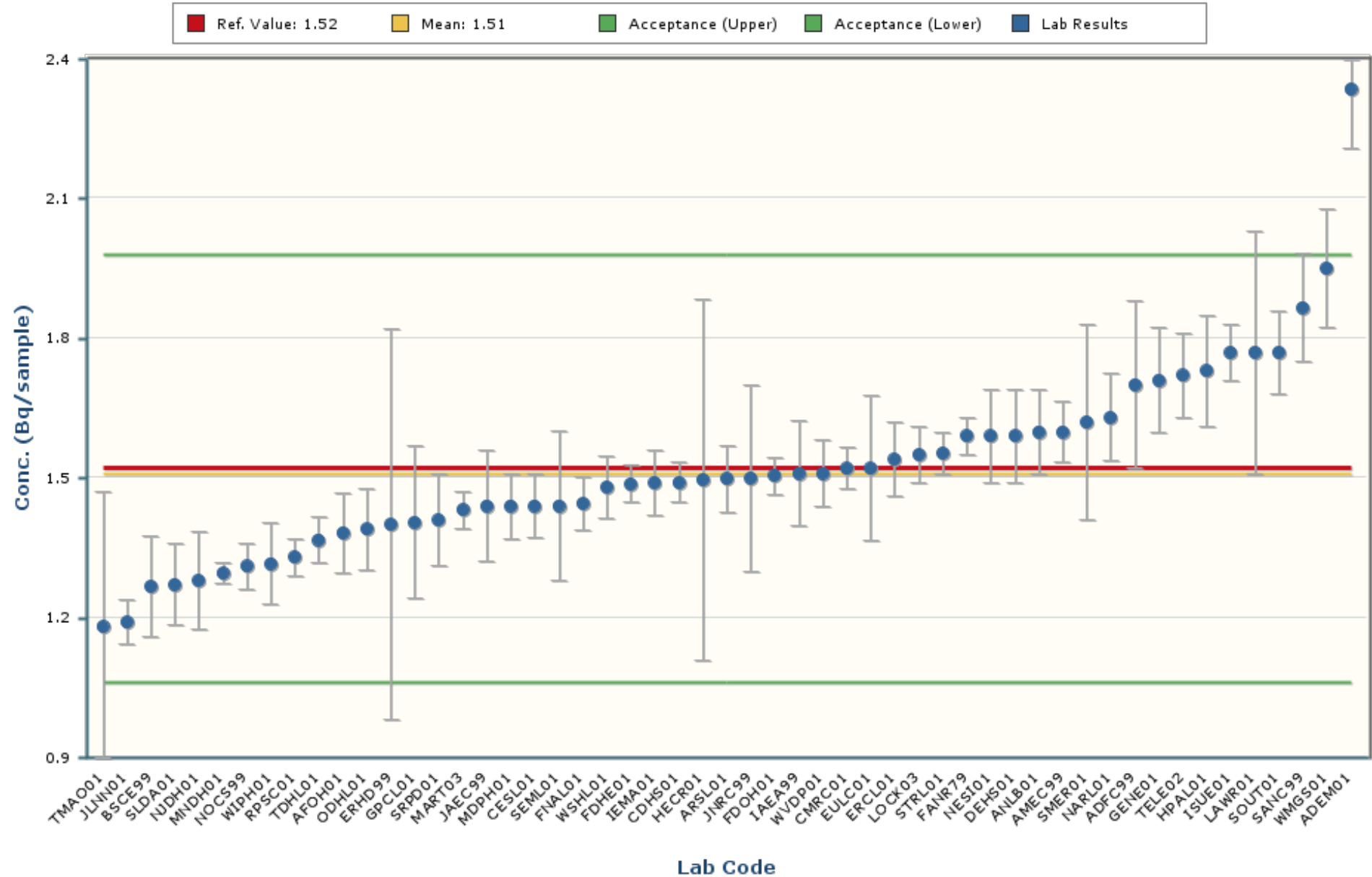
MAPEP-26-RdF54



Notes:
The chart mean excludes values outside of a bias range of $\pm 30\%$.
The chart shows only data points with values between 0.51 and 1.60 (± 5 Standard Deviations).
The error bars encompassing each result are plotted at $\pm$ one standard deviation.

Manganese-54

MAPEP-26-RdF54



Notes:

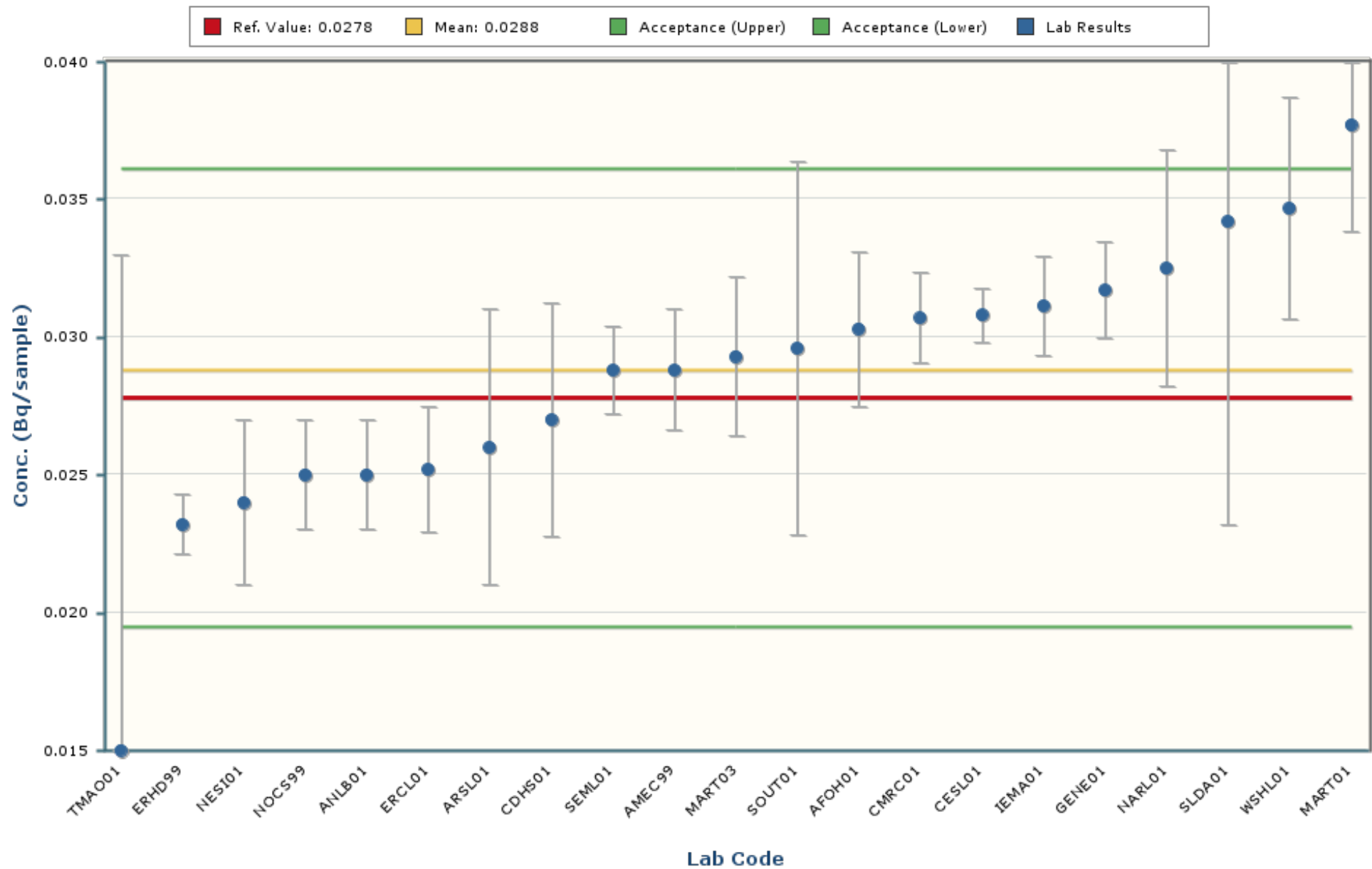
The chart mean excludes values outside of a bias range of $\pm 30\%$.

The chart shows only data points with values between 0.67 and 2.34 (± 5 Standard Deviations).

The error bars encompassing each result are plotted at $\pm$ one standard deviation.

Plutonium-238

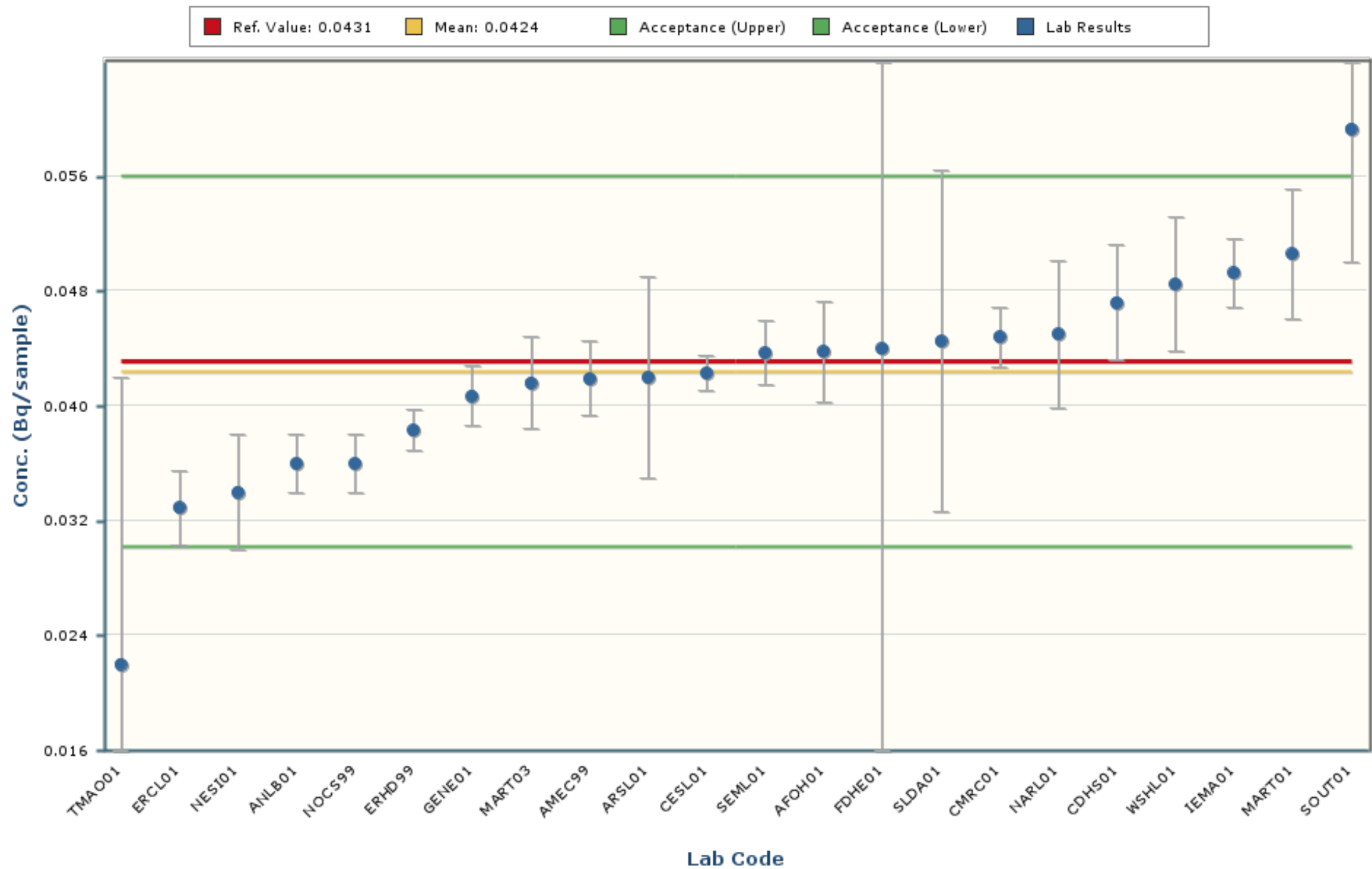
MAPEP-26-RdF54



Notes:
The chart mean excludes values outside of a bias range of $\pm 30\%$.
The chart shows only data points with values between 0.0118 and 0.0459 (± 5 Standard Deviations).
The error bars encompassing each result are plotted at $\pm$ one standard deviation.

Plutonium-239/240

MAPEP-26-RdF54



Notes:

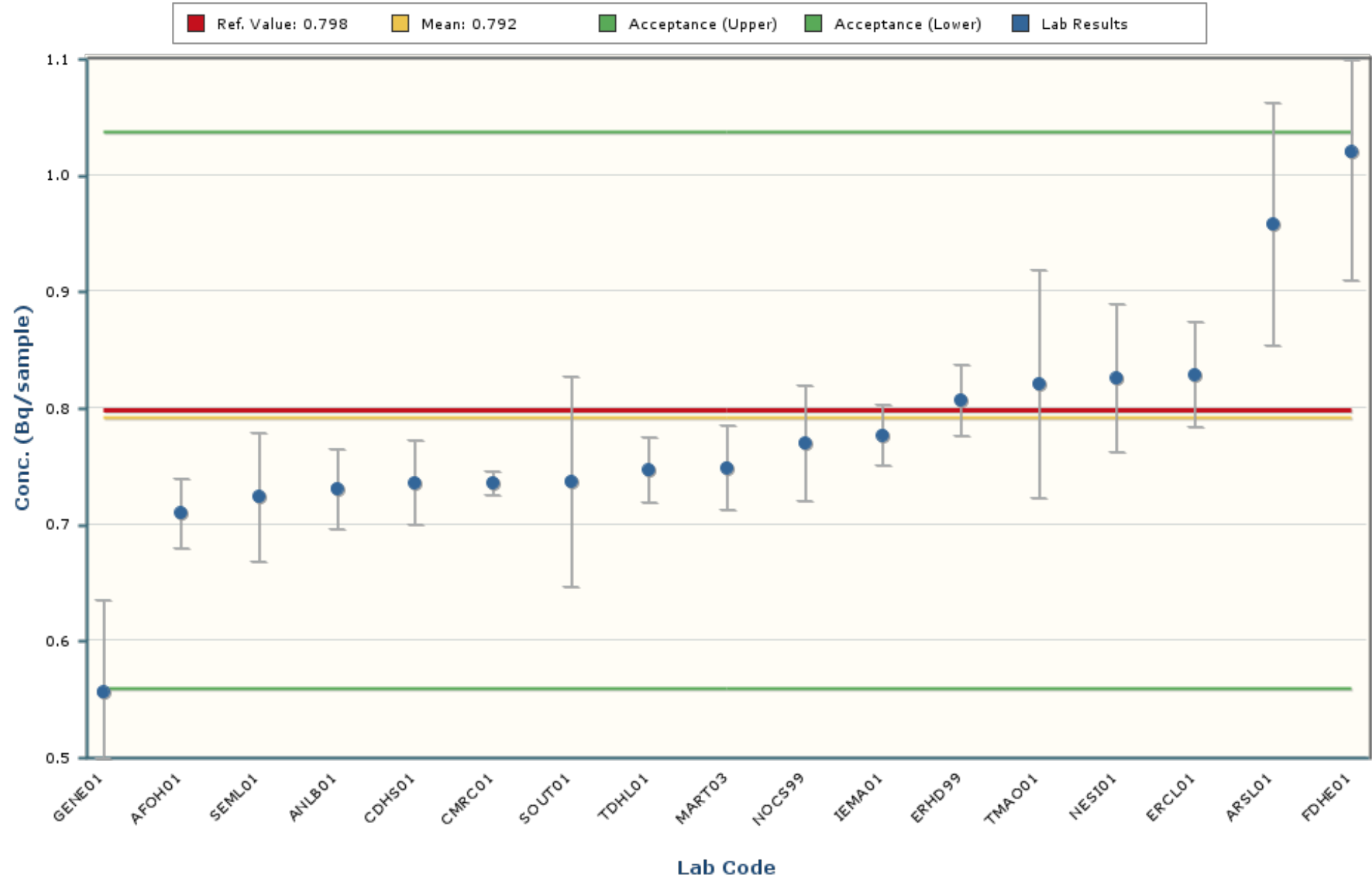
The chart mean excludes values outside of a bias range of $\pm 30\%$.

The chart shows only data points with values between 0.0177 and 0.0670 (± 5 Standard Deviations).

The error bars encompassing each result are plotted at $\pm$ one standard deviation.

Strontium-90

MAPEP-26-RdF54



Notes:

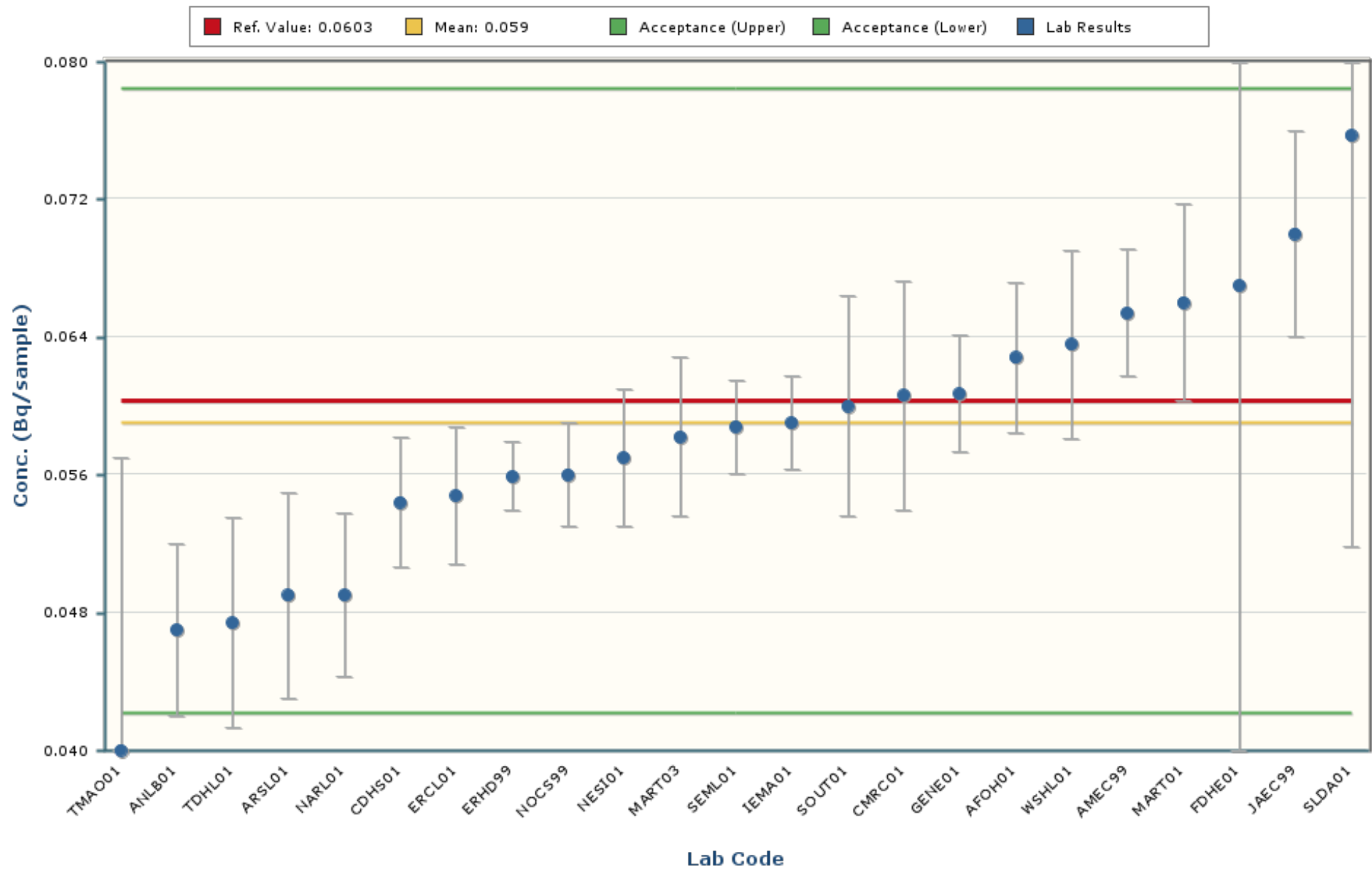
The chart mean excludes values outside of a bias range of $\pm 30\%$.

The chart shows only data points with values between 0.360 and 1.225 (± 5 Standard Deviations).

The error bars encompassing each result are plotted at $\pm$ one standard deviation.

Uranium-234

MAPEP-26-RdF54



Notes:

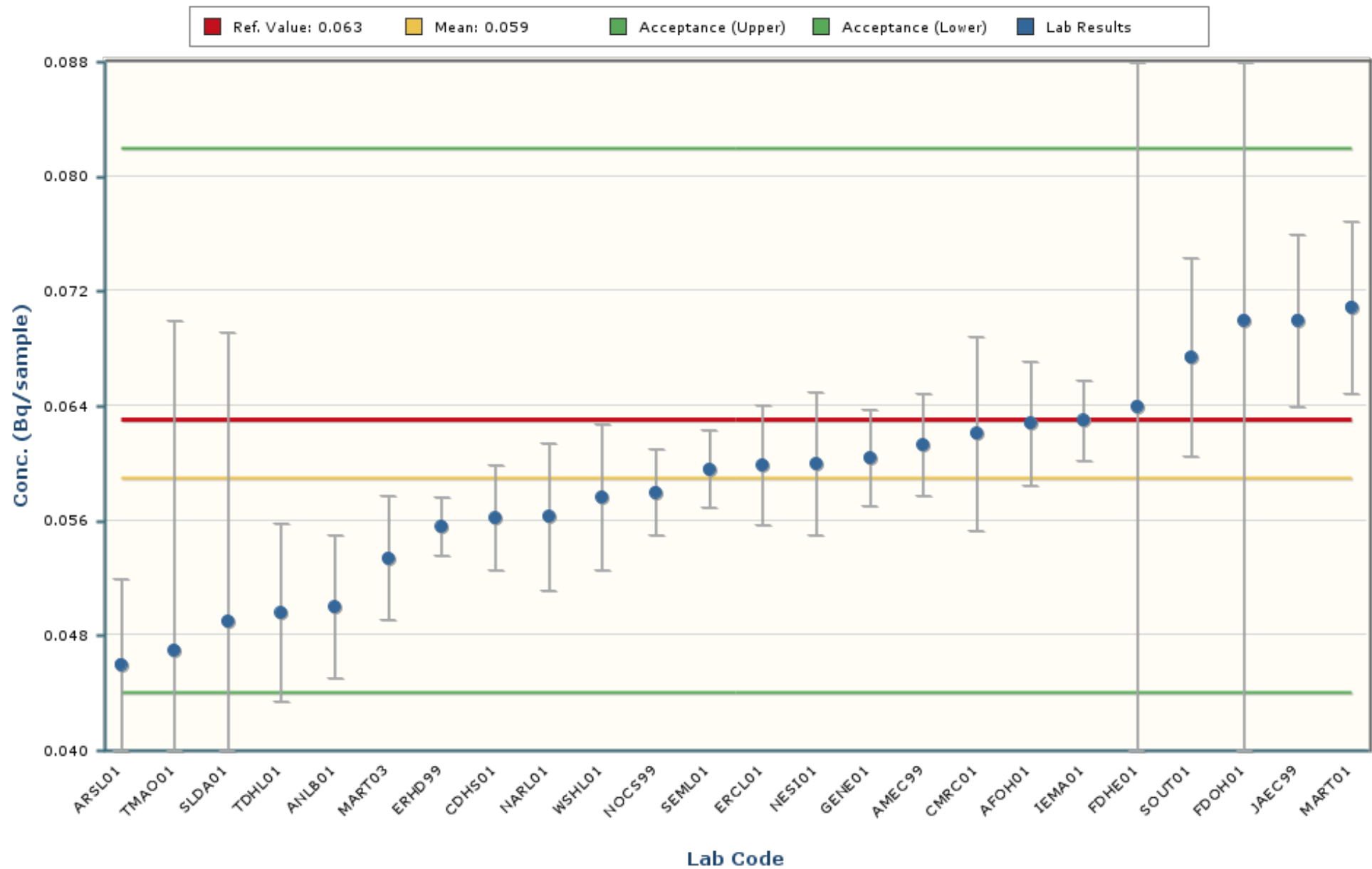
The chart mean excludes values outside of a bias range of $\pm 30\%$.

The chart shows only data points with values between 0.0222 and 0.0958 (± 5 Standard Deviations).

The error bars encompassing each result are plotted at ± 1 standard deviation.

Uranium-238

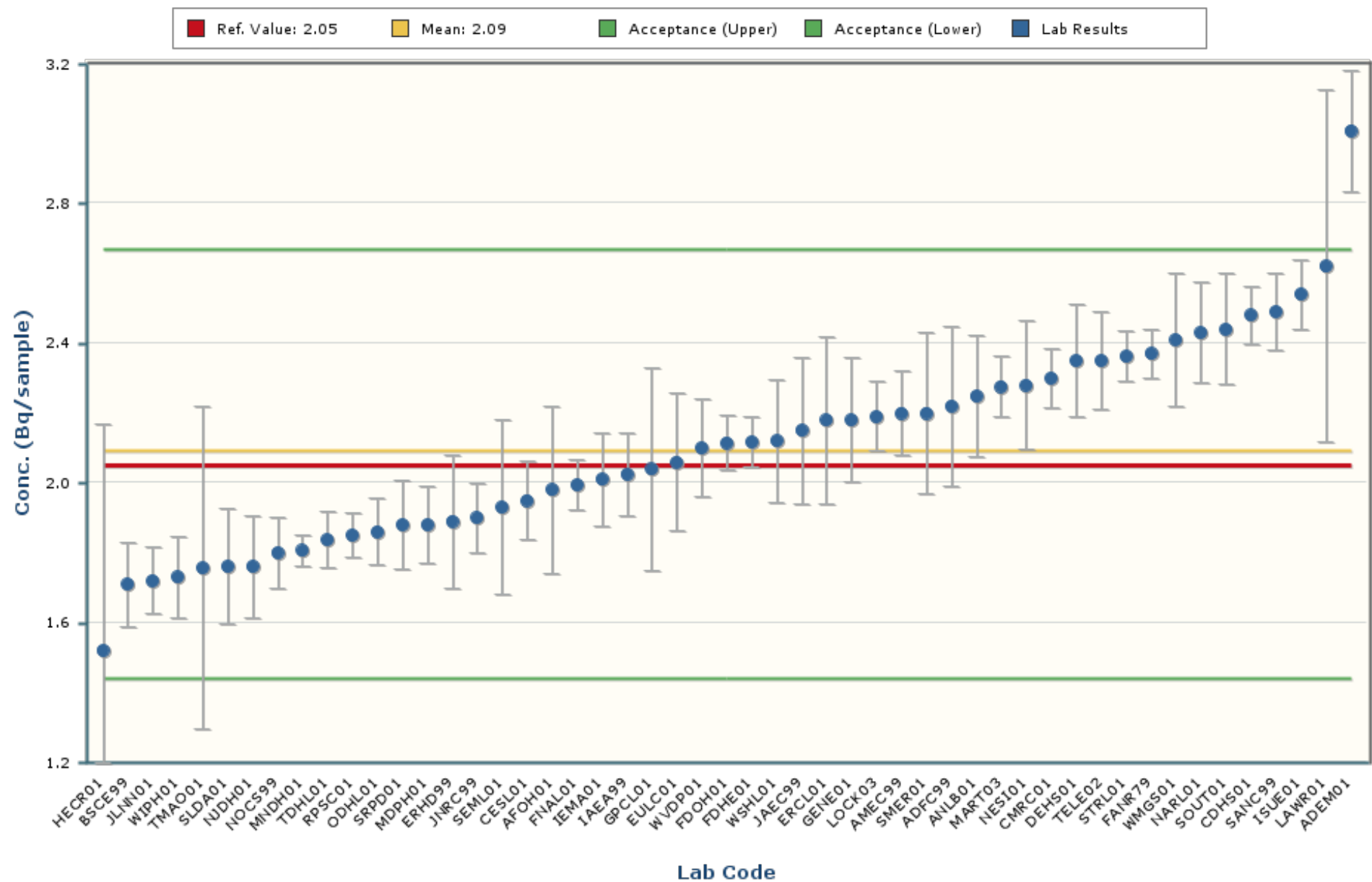
MAPEP-26-RdF54



Notes:
The chart mean excludes values outside of a bias range of $\pm 30\%$.
The chart shows only data points with values between 0.023 and 0.094 (± 5 Standard Deviations).
The error bars encompassing each result are plotted at $\pm$ one standard deviation.

Zinc-65

MAPEP-26-RdF54



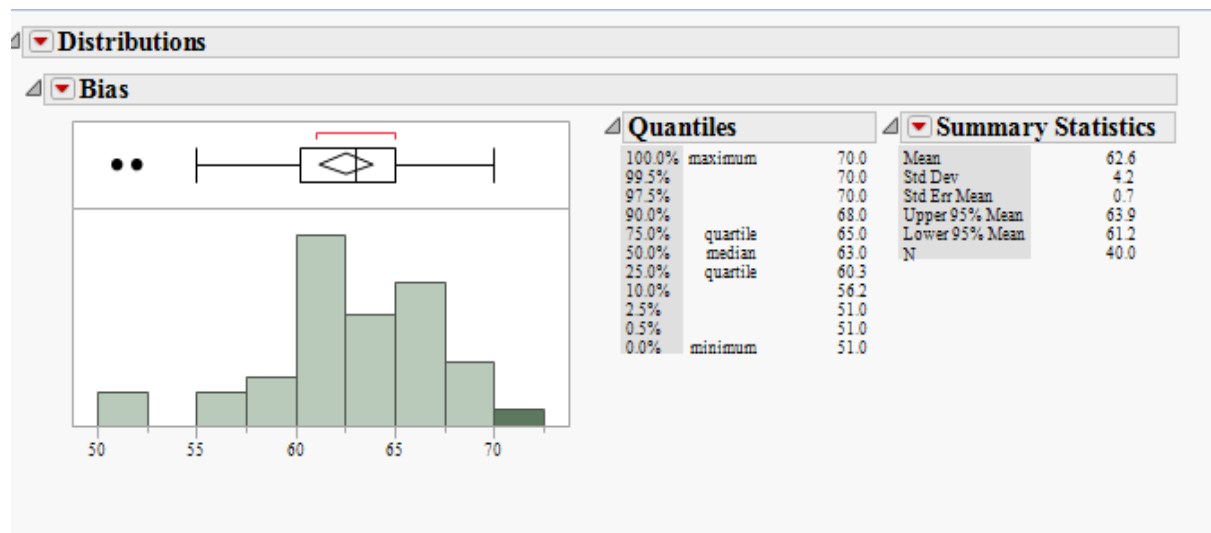
Notes:

The chart mean excludes values outside of a bias range of $\pm 30\%$.

The chart shows only data points with values between 0.79 and 3.38 (± 5 Standard Deviations).

The error bars encompassing each result are plotted at $\pm$ one standard deviation.

The intent of the distribution graphs contained within this report is to graphically demonstrate to users how % Bias data within the current MAPEP Series appears when examined by matrix, by analyte, by method of sample preparation or by method of detection. Biases greater than +/- 100% have been screened from the data. The box plot of the bias data points and the mean visually illustrate the breadth of the distribution and where potential outliers in the distribution might lie. The statistics for the distribution plot are provided adjacent to the Bias plot. In some cases, N becomes very small and thus developed statistics may not accurately reflect estimates of the population if N were a significantly larger value.

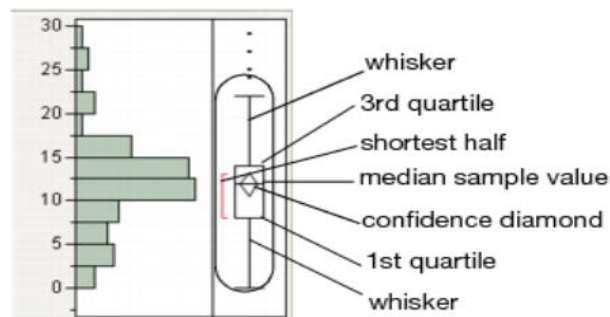


Outlier Box Plot

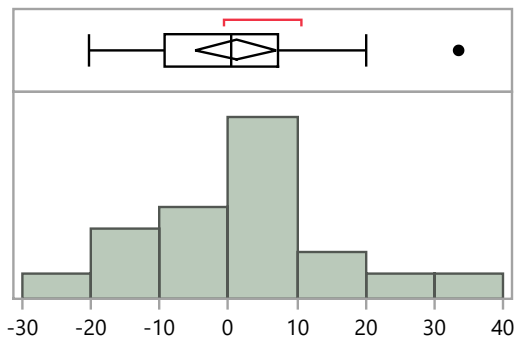
The BLACK small vertical line inside the small rectangle at the top of the data distribution graph is the median of the population of the bias shown for that analyte in the matrix. The confidence diamond contains the mean and the upper and lower 95% of the mean. If you drew a line through the middle of the diamond, you would have the mean. The top and bottom points of the diamond represent the upper and lower 95% of the mean. The ends of the box represent the 25th and 75th quantiles, also expressed as 1st and 3rd quartile. The difference between the 1st and 3rd quartiles is called the interquartile range. Each box has lines that extend from each end, sometimes called whiskers. The whiskers extend from the ends of the box to the outermost data point that falls within the distances computed as follows:

3rd quartile + 1.5*(interquartile range)

1st quartile - 1.5*(interquartile range)



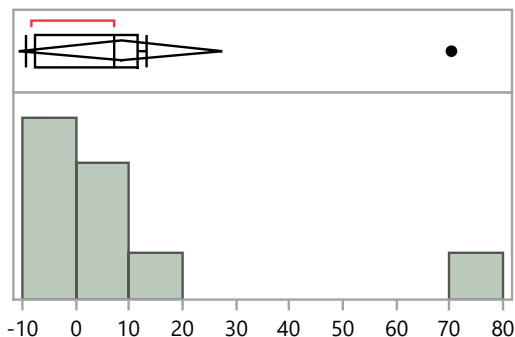
If the data points do not reach the computed ranges, then the whiskers are determined by the upper and lower data point values (not including outliers). The bracket outside of the box identifies the *shortest half*, which is the most dense 50% of the observations (Rousseuw and Leroy 1987).

RdF54 Distribution by Detection Method**Distributions Analyte_Detection=Americium-241 Alpha Spectrometry****Bias****Quantiles**

100.0%	maximum	33.5
99.5%		33.5
97.5%		33.5
90.0%		19.3
75.0%	quartile	7.1
50.0%	median	0.5
25.0%	quartile	-9.3
10.0%		-14.7
2.5%		-20.3
0.5%		-20.3
0.0%	minimum	-20.3

Summary Statistics

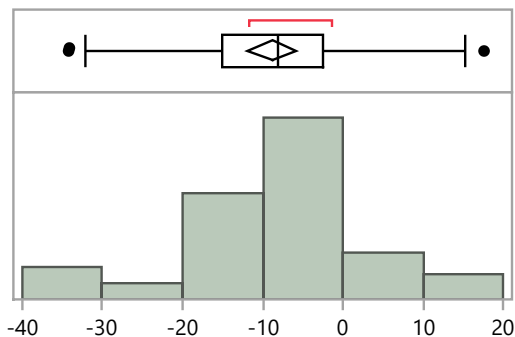
Mean	1.1
Std Dev	12.6
Std Err Mean	2.8
Upper 95% Mean	7.0
Lower 95% Mean	-4.8
N	20.0

Distributions Analyte_Detection=Americium-241 Gamma Spectrometry**Bias****Quantiles**

100.0%	maximum	70.3
99.5%		70.3
97.5%		70.3
90.0%		70.3
75.0%	quartile	11.6
50.0%	median	7.1
25.0%	quartile	-7.5
10.0%		-9.3
2.5%		-9.3
0.5%		-9.3
0.0%	minimum	-9.3

Summary Statistics

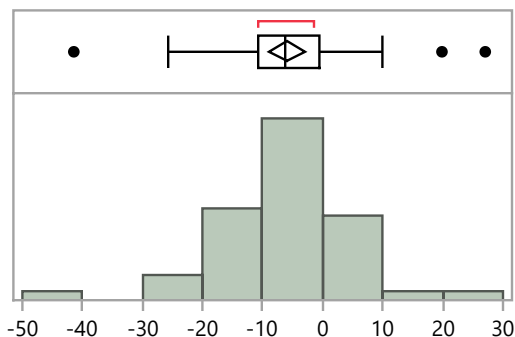
Mean	8.5
Std Dev	24.8
Std Err Mean	8.3
Upper 95% Mean	27.6
Lower 95% Mean	-10.5
N	9.0

Distributions Analyte_Detection=Cesium-134 Gamma Spectrometry**Bias****Quantiles**

100.0%	maximum	17.6
99.5%		17.6
97.5%		16.8
90.0%		2.8
75.0%	quartile	-2.5
50.0%	median	-8.1
25.0%	quartile	-15.1
10.0%		-25.0
2.5%		-34.2
0.5%		-34.2
0.0%	minimum	-34.2

Summary Statistics

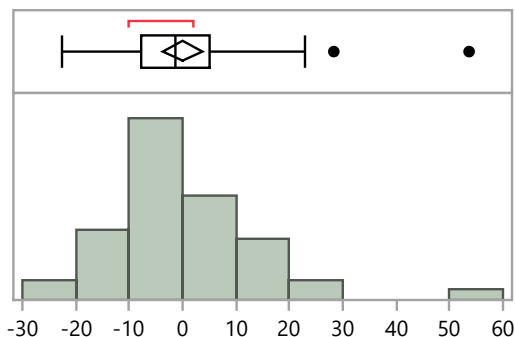
Mean	-8.8
Std Dev	10.9
Std Err Mean	1.5
Upper 95% Mean	-5.8
Lower 95% Mean	-11.8
N	53.0

RdF54 Distribution by Detection Method**Distributions Analyte_Detection=Cobalt-57 Gamma Spectrometry****Bias****Quantiles**

100.0%	maximum	27.0
99.5%		27.0
97.5%		24.5
90.0%		6.3
75.0%	quartile	-0.5
50.0%	median	-6.3
25.0%	quartile	-10.8
10.0%		-17.9
2.5%		-35.9
0.5%		-41.4
0.0%	minimum	-41.4

Summary Statistics

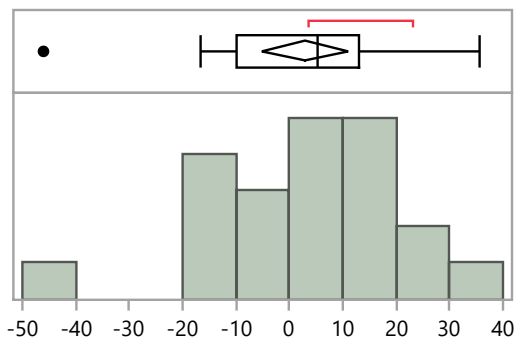
Mean	-5.8
Std Dev	10.9
Std Err Mean	1.5
Upper 95% Mean	-2.8
Lower 95% Mean	-8.9
N	53.0

Distributions Analyte_Detection=Manganese-54 Gamma Spectrometry**Bias****Quantiles**

100.0%	maximum	53.6
99.5%		53.6
97.5%		44.7
90.0%		16.4
75.0%	quartile	5.2
50.0%	median	-1.4
25.0%	quartile	-7.8
10.0%		-15.4
2.5%		-22.2
0.5%		-22.4
0.0%	minimum	-22.4

Summary Statistics

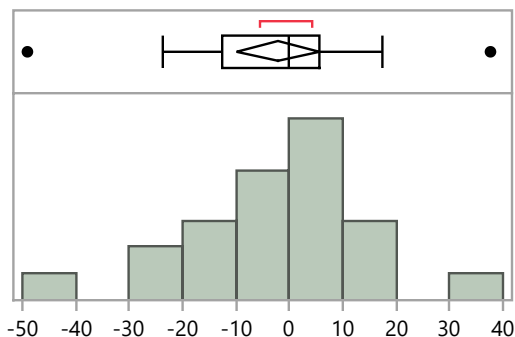
Mean	0.1
Std Dev	13.2
Std Err Mean	1.8
Upper 95% Mean	3.7
Lower 95% Mean	-3.6
N	53.0

Distributions Analyte_Detection=Plutonium-238 Alpha Spectrometry**Bias****Quantiles**

100.0%	maximum	35.6
99.5%		35.6
97.5%		35.6
90.0%		24.4
75.0%	quartile	13.0
50.0%	median	5.4
25.0%	quartile	-9.8
10.0%		-15.9
2.5%		-46.0
0.5%		-46.0
0.0%	minimum	-46.0

Summary Statistics

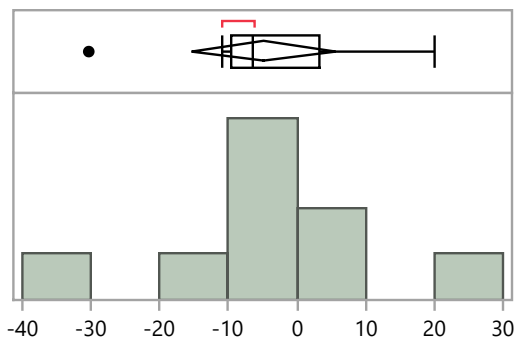
Mean	2.9
Std Dev	17.6
Std Err Mean	3.8
Upper 95% Mean	10.9
Lower 95% Mean	-5.1
N	21.0

RdF54 Distribution by Detection Method**Distributions Analyte_Detection=Plutonium-239/240 Alpha Spectrometry****Bias****Quantiles**

100.0%	maximum	37.6
99.5%		37.6
97.5%		37.6
90.0%		16.5
75.0%	quartile	5.7
50.0%	median	-0.3
25.0%	quartile	-12.5
10.0%		-22.9
2.5%		-49.0
0.5%		-49.0
0.0%	minimum	-49.0

Summary Statistics

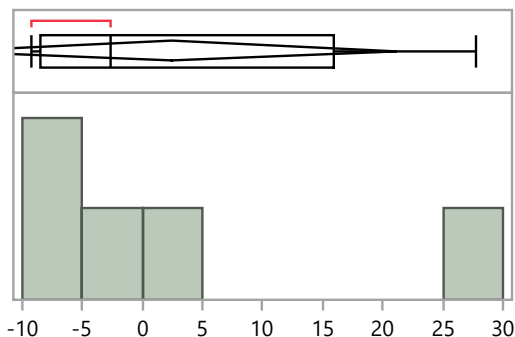
Mean	-2.1
Std Dev	17.3
Std Err Mean	3.7
Upper 95% Mean	5.5
Lower 95% Mean	-9.8
N	22.0

Distributions Analyte_Detection=Strontium-90 Gas Flow Proportional Counter**Bias****Quantiles**

100.0%	maximum	20.1
99.5%		20.1
97.5%		20.1
90.0%		20.1
75.0%	quartile	3.2
50.0%	median	-6.4
25.0%	quartile	-9.7
10.0%		-30.3
2.5%		-30.3
0.5%		-30.3
0.0%	minimum	-30.3

Summary Statistics

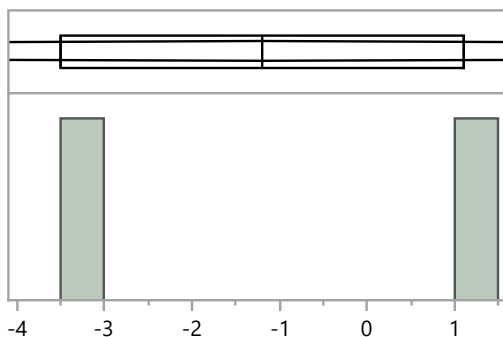
Mean	-4.8
Std Dev	13.5
Std Err Mean	4.5
Upper 95% Mean	5.6
Lower 95% Mean	-15.2
N	9.0

Distributions Analyte_Detection=Strontium-90 Gross Alpha/Beta - 2 pi gas flow proportional counter**Bias****Quantiles**

100.0%	maximum	27.8
99.5%		27.8
97.5%		27.8
90.0%		27.8
75.0%	quartile	15.9
50.0%	median	-2.6
25.0%	quartile	-8.6
10.0%		-9.3
2.5%		-9.3
0.5%		-9.3
0.0%	minimum	-9.3

Summary Statistics

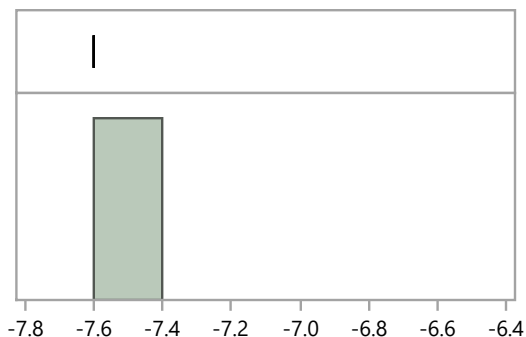
Mean	2.4
Std Dev	15.1
Std Err Mean	6.8
Upper 95% Mean	21.2
Lower 95% Mean	-16.4
N	5.0

RdF54 Distribution by Detection Method**Distributions Analyte_Detection=Strontium-90 Liquid Scintillation Counter****Bias****Quantiles**

100.0%	maximum	1.1
99.5%		1.1
97.5%		1.1
90.0%		1.1
75.0%	quartile	1.1
50.0%	median	-1.2
25.0%	quartile	-3.5
10.0%		-3.5
2.5%		-3.5
0.5%		-3.5
0.0%	minimum	-3.5

Summary Statistics

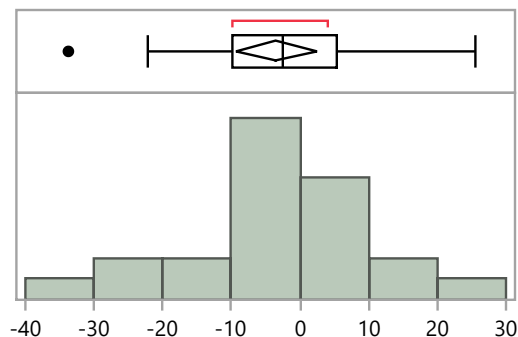
Mean	-1.2
Std Dev	3.3
Std Err Mean	2.3
Upper 95% Mean	28.0
Lower 95% Mean	-30.4
N	2.0

Distributions Analyte_Detection=Strontium-90 Other**Bias****Quantiles**

100.0%	maximum	-7.6
99.5%		-7.6
97.5%		-7.6
90.0%		-7.6
75.0%	quartile	-7.6
50.0%	median	-7.6
25.0%	quartile	-7.6
10.0%		-7.6
2.5%		-7.6
0.5%		-7.6
0.0%	minimum	-7.6

Summary Statistics

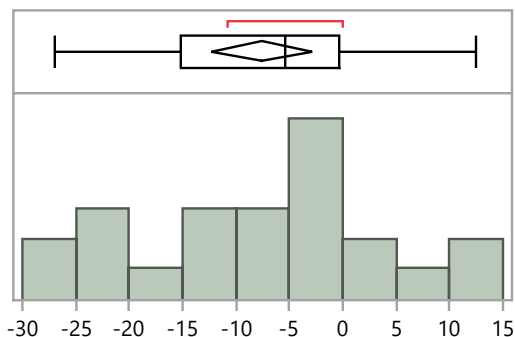
Mean	-7.6
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1.0

Distributions Analyte_Detection=Uranium-234 Alpha Spectrometry**Bias****Quantiles**

100.0%	maximum	25.5
99.5%		25.5
97.5%		25.5
90.0%		14.1
75.0%	quartile	5.4
50.0%	median	-2.5
25.0%	quartile	-9.8
10.0%		-21.8
2.5%		-33.7
0.5%		-33.7
0.0%	minimum	-33.7

Summary Statistics

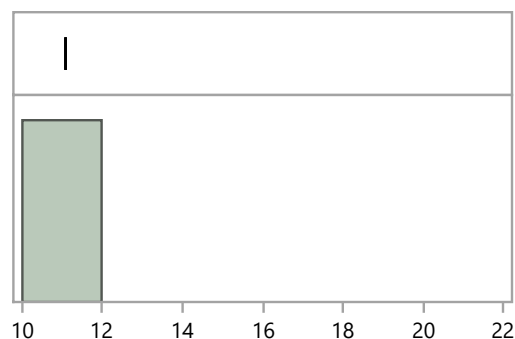
Mean	-3.5
Std Dev	13.6
Std Err Mean	2.8
Upper 95% Mean	2.4
Lower 95% Mean	-9.4
N	23.0

RdF54 Distribution by Detection Method**Distributions Analyte_Detection=Uranium-238 Alpha Spectrometry****Bias****Quantiles**

100.0%	maximum	12.5
99.5%		12.5
97.5%		12.5
90.0%		9.5
75.0%	quartile	-0.3
50.0%	median	-5.4
25.0%	quartile	-15.2
10.0%		-24.1
2.5%		-27.0
0.5%		-27.0
0.0%	minimum	-27.0

Summary Statistics

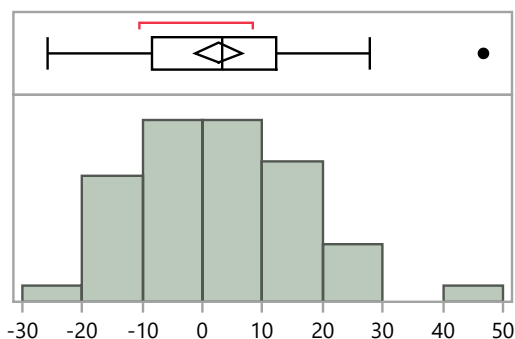
Mean	-7.5
Std Dev	10.9
Std Err Mean	2.3
Upper 95% Mean	-2.8
Lower 95% Mean	-12.2
N	23.0

Distributions Analyte_Detection=Uranium-238 Gamma Spectrometry**Bias****Quantiles**

100.0%	maximum	11.1
99.5%		11.1
97.5%		11.1
90.0%		11.1
75.0%	quartile	11.1
50.0%	median	11.1
25.0%	quartile	11.1
10.0%		11.1
2.5%		11.1
0.5%		11.1
0.0%	minimum	11.1

Summary Statistics

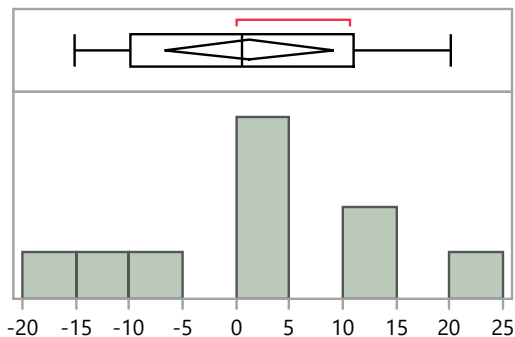
Mean	11.1
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1.0

Distributions Analyte_Detection=Zinc-65 Gamma Spectrometry**Bias****Quantiles**

100.0%	maximum	46.7
99.5%		46.7
97.5%		41.0
90.0%		20.6
75.0%	quartile	12.2
50.0%	median	3.2
25.0%	quartile	-8.3
10.0%		-14.3
2.5%		-23.1
0.5%		-25.9
0.0%	minimum	-25.9

Summary Statistics

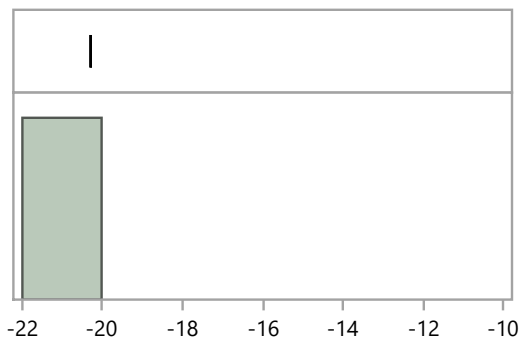
Mean	2.7
Std Dev	14.0
Std Err Mean	2.0
Upper 95% Mean	6.6
Lower 95% Mean	-1.2
N	51.0

RdF54 Distribution by Preparation Method**Distributions Analyte_Method=Americium-241 Acid dissolution with hydrofluoric acid****Bias****Quantiles**

100.0%	maximum	20.1
99.5%		20.1
97.5%		20.1
90.0%		19.3
75.0%	quartile	11.0
50.0%	median	0.5
25.0%	quartile	-9.9
10.0%		-14.7
2.5%		-15.1
0.5%		-15.1
0.0%	minimum	-15.1

Summary Statistics

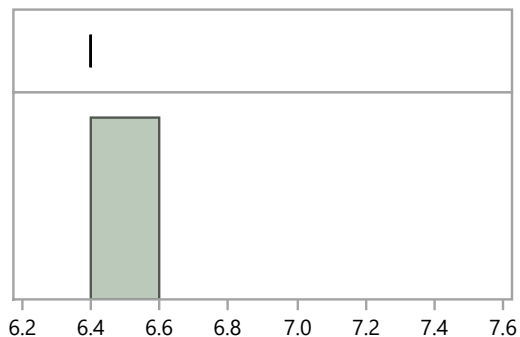
Mean	1.2
Std Dev	11.1
Std Err Mean	3.5
Upper 95% Mean	9.2
Lower 95% Mean	-6.7
N	10.0

Distributions Analyte_Method=Americium-241 Acid leaching without hydrofluoric acid**Bias****Quantiles**

100.0%	maximum	-20.3
99.5%		-20.3
97.5%		-20.3
90.0%		-20.3
75.0%	quartile	-20.3
50.0%	median	-20.3
25.0%	quartile	-20.3
10.0%		-20.3
2.5%		-20.3
0.5%		-20.3
0.0%	minimum	-20.3

Summary Statistics

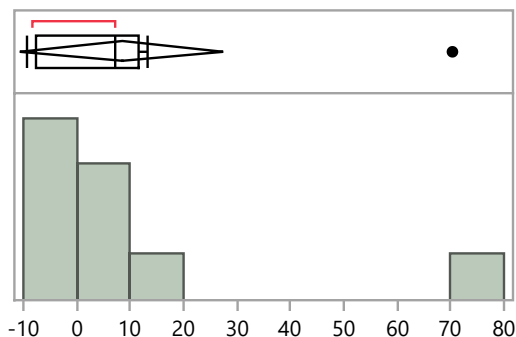
Mean	-20.3
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1.0

Distributions Analyte_Method=Americium-241 Evaporation, acidified**Bias****Quantiles**

100.0%	maximum	6.4
99.5%		6.4
97.5%		6.4
90.0%		6.4
75.0%	quartile	6.4
50.0%	median	6.4
25.0%	quartile	6.4
10.0%		6.4
2.5%		6.4
0.5%		6.4
0.0%	minimum	6.4

Summary Statistics

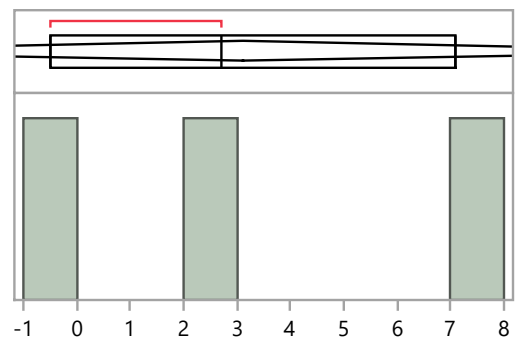
Mean	6.4
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1.0

RdF54 Distribution by Preparation Method**Distributions Analyte_Method=Americium-241 No preparation - analyzed as received****Bias****Quantiles**

100.0%	maximum	70.3
99.5%		70.3
97.5%		70.3
90.0%		70.3
75.0%	quartile	11.6
50.0%	median	7.1
25.0%	quartile	-7.5
10.0%		-9.3
2.5%		-9.3
0.5%		-9.3
0.0%	minimum	-9.3

Summary Statistics

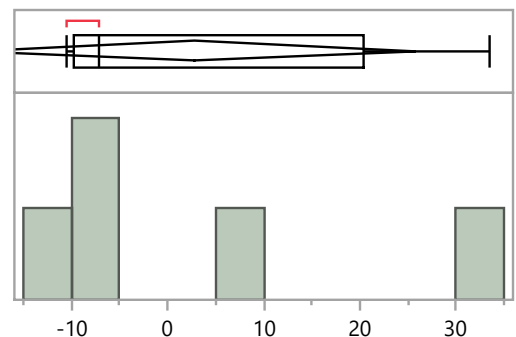
Mean	8.5
Std Dev	24.8
Std Err Mean	8.3
Upper 95% Mean	27.6
Lower 95% Mean	-10.5
N	9.0

Distributions Analyte_Method=Americium-241 Other**Bias****Quantiles**

100.0%	maximum	7.1
99.5%		7.1
97.5%		7.1
90.0%		7.1
75.0%	quartile	7.1
50.0%	median	2.7
25.0%	quartile	-0.5
10.0%		-0.5
2.5%		-0.5
0.5%		-0.5
0.0%	minimum	-0.5

Summary Statistics

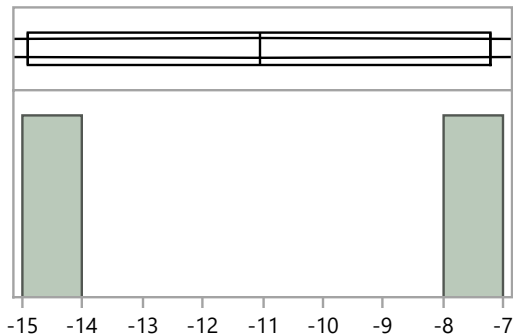
Mean	3.1
Std Dev	3.8
Std Err Mean	2.2
Upper 95% Mean	12.6
Lower 95% Mean	-6.4
N	3.0

Distributions Analyte_Method=Americium-241 Total dissolution by fusion**Bias****Quantiles**

100.0%	maximum	33.5
99.5%		33.5
97.5%		33.5
90.0%		33.5
75.0%	quartile	20.3
50.0%	median	-7.1
25.0%	quartile	-9.8
10.0%		-10.4
2.5%		-10.4
0.5%		-10.4
0.0%	minimum	-10.4

Summary Statistics

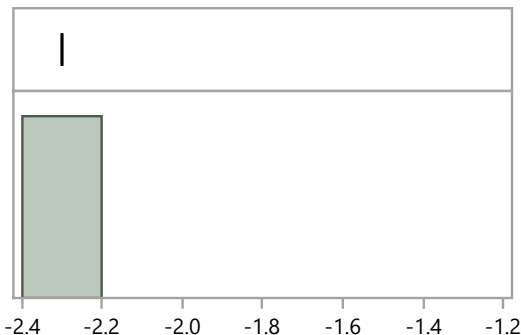
Mean	2.8
Std Dev	18.5
Std Err Mean	8.3
Upper 95% Mean	25.8
Lower 95% Mean	-20.2
N	5.0

RdF54 Distribution by Preparation Method**Distributions Analyte_Method=Cesium-134 Acid dissolution with hydrofluoric acid****Bias****Quantiles**

100.0%	maximum	-7.2
99.5%		-7.2
97.5%		-7.2
90.0%		-7.2
75.0%	quartile	-7.2
50.0%	median	-11.1
25.0%	quartile	-14.9
10.0%		-14.9
2.5%		-14.9
0.5%		-14.9
0.0%	minimum	-14.9

Summary Statistics

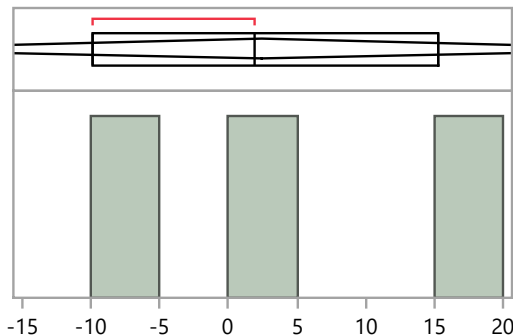
Mean	-11.1
Std Dev	5.4
Std Err Mean	3.9
Upper 95% Mean	37.9
Lower 95% Mean	-60.0
N	2.0

Distributions Analyte_Method=Cesium-134 Coprecipitation, acidified**Bias****Quantiles**

100.0%	maximum	-2.3
99.5%		-2.3
97.5%		-2.3
90.0%		-2.3
75.0%	quartile	-2.3
50.0%	median	-2.3
25.0%	quartile	-2.3
10.0%		-2.3
2.5%		-2.3
0.5%		-2.3
0.0%	minimum	-2.3

Summary Statistics

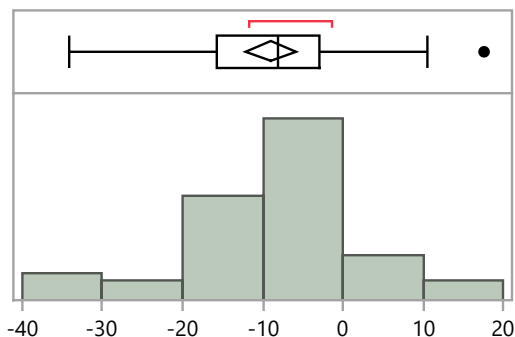
Mean	-2.3
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1.0

Distributions Analyte_Method=Cesium-134 EPA 901.1, Gamma Emitting, 600/4-80-032**Bias****Quantiles**

100.0%	maximum	15.2
99.5%		15.2
97.5%		15.2
90.0%		15.2
75.0%	quartile	15.2
50.0%	median	1.9
25.0%	quartile	-9.9
10.0%		-9.9
2.5%		-9.9
0.5%		-9.9
0.0%	minimum	-9.9

Summary Statistics

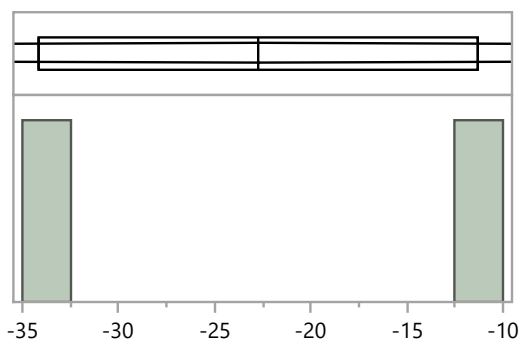
Mean	2.4
Std Dev	12.6
Std Err Mean	7.3
Upper 95% Mean	33.6
Lower 95% Mean	-28.8
N	3.0

RdF54 Distribution by Preparation Method**Distributions Analyte_Method=Cesium-134 No preparation - analyzed as received****Bias****Quantiles**

100.0%	maximum	17.6
99.5%		17.6
97.5%		16.5
90.0%		2.6
75.0%	quartile	-3.0
50.0%	median	-8.1
25.0%	quartile	-15.7
10.0%		-23.6
2.5%		-33.9
0.5%		-34.2
0.0%	minimum	-34.2

Summary Statistics

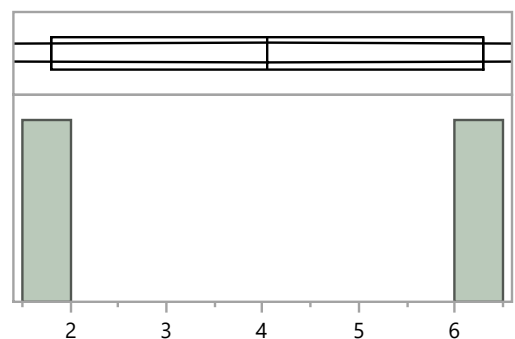
Mean	-9.0
Std Dev	10.4
Std Err Mean	1.6
Upper 95% Mean	-5.9
Lower 95% Mean	-12.2
N	45.0

Distributions Analyte_Method=Cesium-134 Other**Bias****Quantiles**

100.0%	maximum	-11.3
99.5%		-11.3
97.5%		-11.3
90.0%		-11.3
75.0%	quartile	-11.3
50.0%	median	-22.7
25.0%	quartile	-34.1
10.0%		-34.1
2.5%		-34.1
0.5%		-34.1
0.0%	minimum	-34.1

Summary Statistics

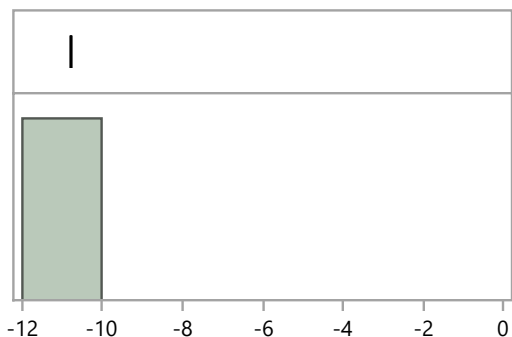
Mean	-22.7
Std Dev	16.1
Std Err Mean	11.4
Upper 95% Mean	122.2
Lower 95% Mean	-167.6
N	2.0

Distributions Analyte_Method=Cobalt-57 Acid dissolution with hydrofluoric acid**Bias****Quantiles**

100.0%	maximum	6.3
99.5%		6.3
97.5%		6.3
90.0%		6.3
75.0%	quartile	6.3
50.0%	median	4.1
25.0%	quartile	1.8
10.0%		1.8
2.5%		1.8
0.5%		1.8
0.0%	minimum	1.8

Summary Statistics

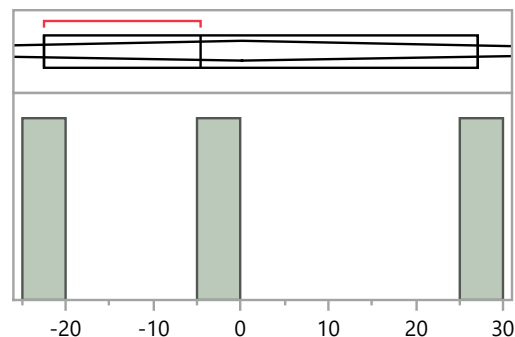
Mean	4.1
Std Dev	3.2
Std Err Mean	2.3
Upper 95% Mean	32.6
Lower 95% Mean	-24.5
N	2.0

RdF54 Distribution by Preparation Method**Distributions Analyte_Method=Cobalt-57 Coprecipitation, acidified****Bias****Quantiles**

100.0%	maximum	-10.8
99.5%		-10.8
97.5%		-10.8
90.0%		-10.8
75.0%	quartile	-10.8
50.0%	median	-10.8
25.0%	quartile	-10.8
10.0%		-10.8
2.5%		-10.8
0.5%		-10.8
0.0%	minimum	-10.8

Summary Statistics

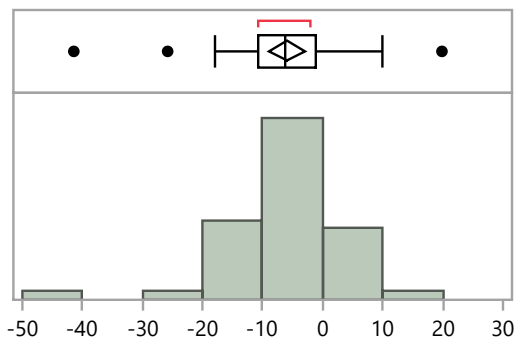
Mean	-10.8
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1.0

Distributions Analyte_Method=Cobalt-57 EPA 901.1, Gamma Emitting, 600/4-80-032**Bias****Quantiles**

100.0%	maximum	27.0
99.5%		27.0
97.5%		27.0
90.0%		27.0
75.0%	quartile	27.0
50.0%	median	-4.5
25.0%	quartile	-22.4
10.0%		-22.4
2.5%		-22.4
0.5%		-22.4
0.0%	minimum	-22.4

Summary Statistics

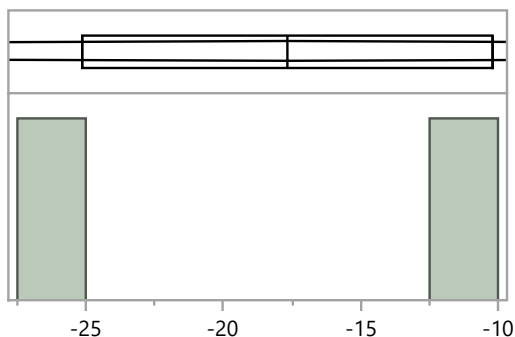
Mean	0.0
Std Dev	25.0
Std Err Mean	14.4
Upper 95% Mean	62.2
Lower 95% Mean	-62.1
N	3.0

Distributions Analyte_Method=Cobalt-57 No preparation - analyzed as received**Bias****Quantiles**

100.0%	maximum	19.8
99.5%		19.8
97.5%		18.3
90.0%		5.2
75.0%	quartile	-1.2
50.0%	median	-6.3
25.0%	quartile	-10.8
10.0%		-17.2
2.5%		-39.1
0.5%		-41.4
0.0%	minimum	-41.4

Summary Statistics

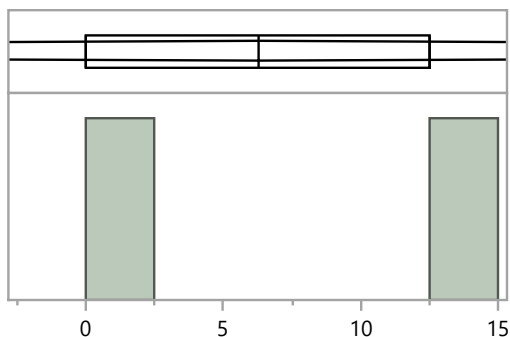
Mean	-6.0
Std Dev	9.8
Std Err Mean	1.5
Upper 95% Mean	-3.1
Lower 95% Mean	-9.0
N	45.0

RdF54 Distribution by Preparation Method**Distributions Analyte_Method=Cobalt-57 Other****Bias****Quantiles**

100.0%	maximum	-10.2
99.5%		-10.2
97.5%		-10.2
90.0%		-10.2
75.0%	quartile	-10.2
50.0%	median	-17.7
25.0%	quartile	-25.1
10.0%		-25.1
2.5%		-25.1
0.5%		-25.1
0.0%	minimum	-25.1

Summary Statistics

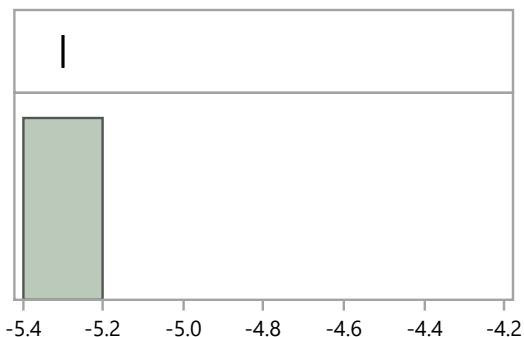
Mean	-17.7
Std Dev	10.5
Std Err Mean	7.5
Upper 95% Mean	77.0
Lower 95% Mean	-112.3
N	2.0

Distributions Analyte_Method=Manganese-54 Acid dissolution with hydrofluoric acid**Bias****Quantiles**

100.0%	maximum	12.5
99.5%		12.5
97.5%		12.5
90.0%		12.5
75.0%	quartile	12.5
50.0%	median	6.3
25.0%	quartile	0.0
10.0%		0.0
2.5%		0.0
0.5%		0.0
0.0%	minimum	0.0

Summary Statistics

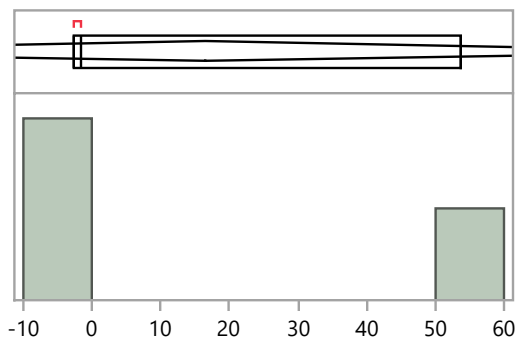
Mean	6.3
Std Dev	8.8
Std Err Mean	6.3
Upper 95% Mean	85.7
Lower 95% Mean	-73.2
N	2.0

Distributions Analyte_Method=Manganese-54 Coprecipitation, acidified**Bias****Quantiles**

100.0%	maximum	-5.3
99.5%		-5.3
97.5%		-5.3
90.0%		-5.3
75.0%	quartile	-5.3
50.0%	median	-5.3
25.0%	quartile	-5.3
10.0%		-5.3
2.5%		-5.3
0.5%		-5.3
0.0%	minimum	-5.3

Summary Statistics

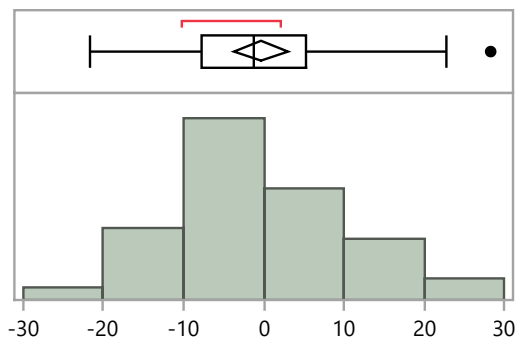
Mean	-5.3
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1.0

RdF54 Distribution by Preparation Method**Distributions Analyte_Method=Manganese-54 EPA 901.1, Gamma Emitting, 600/4-80-032****Bias****Quantiles**

100.0%	maximum	53.6
99.5%		53.6
97.5%		53.6
90.0%		53.6
75.0%	quartile	53.6
50.0%	median	-1.6
25.0%	quartile	-2.6
10.0%		-2.6
2.5%		-2.6
0.5%		-2.6
0.0%	minimum	-2.6

Summary Statistics

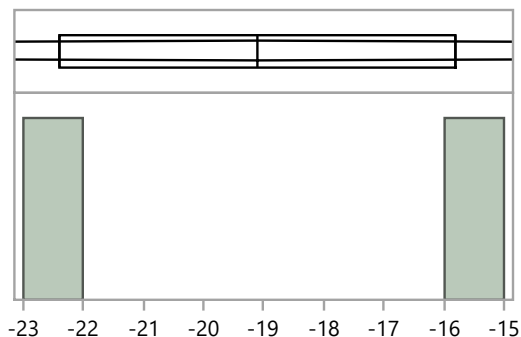
Mean	16.5
Std Dev	32.2
Std Err Mean	18.6
Upper 95% Mean	96.4
Lower 95% Mean	-63.4
N	3.0

Distributions Analyte_Method=Manganese-54 No preparation - analyzed as received**Bias****Quantiles**

100.0%	maximum	28.3
99.5%		28.3
97.5%		27.5
90.0%		16.4
75.0%	quartile	5.2
50.0%	median	-1.3
25.0%	quartile	-7.8
10.0%		-14.2
2.5%		-20.9
0.5%		-21.7
0.0%	minimum	-21.7

Summary Statistics

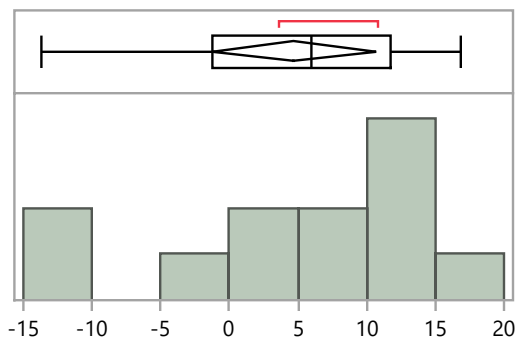
Mean	-0.3
Std Dev	10.9
Std Err Mean	1.6
Upper 95% Mean	2.9
Lower 95% Mean	-3.6
N	45.0

Distributions Analyte_Method=Manganese-54 Other**Bias****Quantiles**

100.0%	maximum	-15.8
99.5%		-15.8
97.5%		-15.8
90.0%		-15.8
75.0%	quartile	-15.8
50.0%	median	-19.1
25.0%	quartile	-22.4
10.0%		-22.4
2.5%		-22.4
0.5%		-22.4
0.0%	minimum	-22.4

Summary Statistics

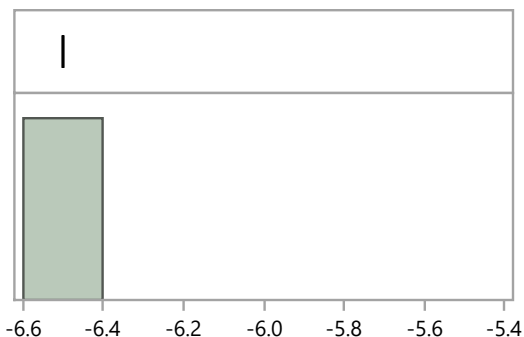
Mean	-19.1
Std Dev	4.7
Std Err Mean	3.3
Upper 95% Mean	22.8
Lower 95% Mean	-61.0
N	2.0

RdF54 Distribution by Preparation Method**Distributions Analyte_Method=Plutonium-238 Acid dissolution with hydrofluoric acid****Bias****Quantiles**

100.0%	maximum	16.9
99.5%		16.9
97.5%		16.9
90.0%		16.0
75.0%	quartile	11.7
50.0%	median	6.0
25.0%	quartile	-1.3
10.0%		-12.6
2.5%		-13.7
0.5%		-13.7
0.0%	minimum	-13.7

Summary Statistics

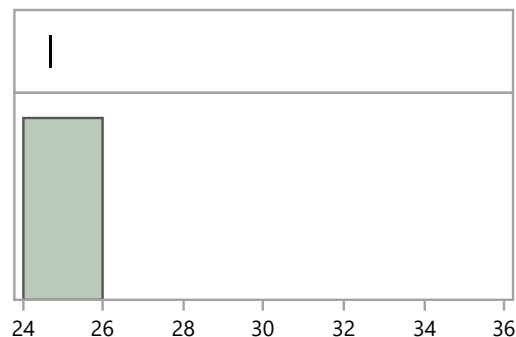
Mean	4.7
Std Dev	9.4
Std Err Mean	2.7
Upper 95% Mean	10.7
Lower 95% Mean	-1.3
N	12.0

Distributions Analyte_Method=Plutonium-238 Acid leaching without hydrofluoric acid**Bias****Quantiles**

100.0%	maximum	-6.5
99.5%		-6.5
97.5%		-6.5
90.0%		-6.5
75.0%	quartile	-6.5
50.0%	median	-6.5
25.0%	quartile	-6.5
10.0%		-6.5
2.5%		-6.5
0.5%		-6.5
0.0%	minimum	-6.5

Summary Statistics

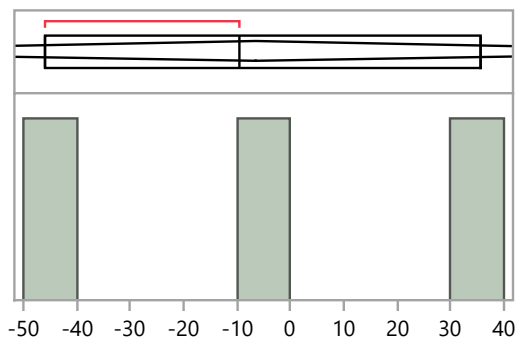
Mean	-6.5
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1.0

Distributions Analyte_Method=Plutonium-238 Evaporation, acidified**Bias****Quantiles**

100.0%	maximum	24.7
99.5%		24.7
97.5%		24.7
90.0%		24.7
75.0%	quartile	24.7
50.0%	median	24.7
25.0%	quartile	24.7
10.0%		24.7
2.5%		24.7
0.5%		24.7
0.0%	minimum	24.7

Summary Statistics

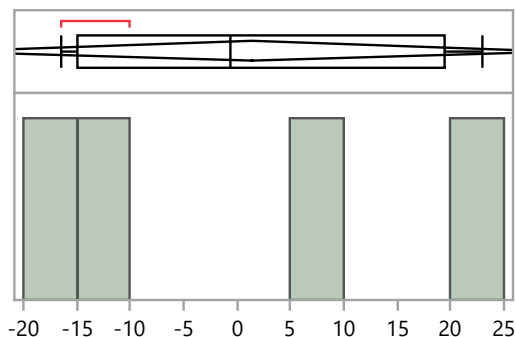
Mean	24.7
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1.0

RdF54 Distribution by Preparation Method**Distributions Analyte_Method=Plutonium-238 Other****Bias****Quantiles**

100.0%	maximum	35.6
99.5%		35.6
97.5%		35.6
90.0%		35.6
75.0%	quartile	35.6
50.0%	median	-9.4
25.0%	quartile	-46.0
10.0%		-46.0
2.5%		-46.0
0.5%		-46.0
0.0%	minimum	-46.0

Summary Statistics

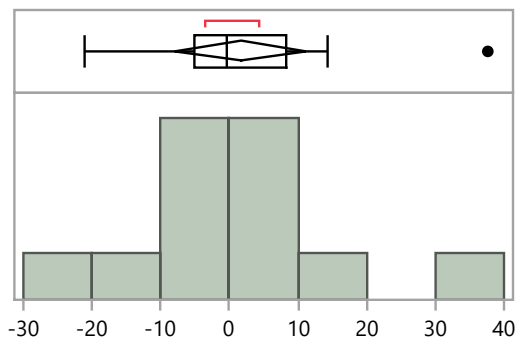
Mean	-6.6
Std Dev	40.9
Std Err Mean	23.6
Upper 95% Mean	94.9
Lower 95% Mean	-108.1
N	3.0

Distributions Analyte_Method=Plutonium-238 Total dissolution by fusion**Bias****Quantiles**

100.0%	maximum	23.0
99.5%		23.0
97.5%		23.0
90.0%		23.0
75.0%	quartile	19.5
50.0%	median	-0.5
25.0%	quartile	-14.9
10.0%		-16.5
2.5%		-16.5
0.5%		-16.5
0.0%	minimum	-16.5

Summary Statistics

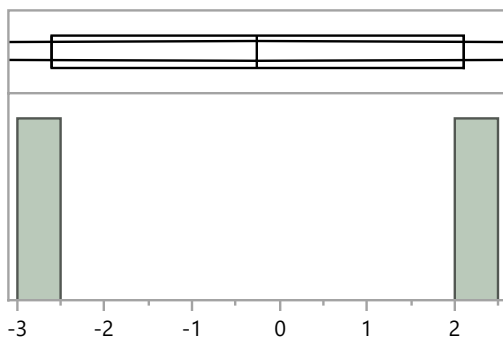
Mean	1.3
Std Dev	18.0
Std Err Mean	9.0
Upper 95% Mean	30.1
Lower 95% Mean	-27.4
N	4.0

Distributions Analyte_Method=Plutonium-239/240 Acid dissolution with hydrofluoric acid**Bias****Quantiles**

100.0%	maximum	37.6
99.5%		37.6
97.5%		37.6
90.0%		30.6
75.0%	quartile	8.2
50.0%	median	-0.3
25.0%	quartile	-5.1
10.0%		-19.7
2.5%		-21.1
0.5%		-21.1
0.0%	minimum	-21.1

Summary Statistics

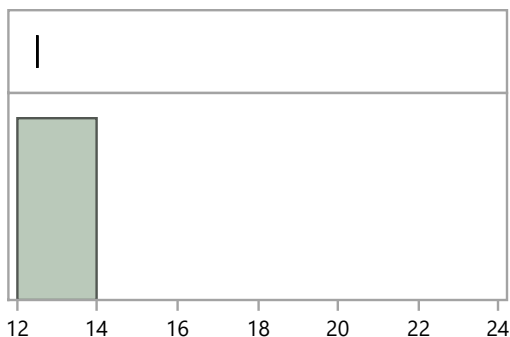
Mean	1.6
Std Dev	15.0
Std Err Mean	4.3
Upper 95% Mean	11.2
Lower 95% Mean	-7.9
N	12.0

RdF54 Distribution by Preparation Method**Distributions Analyte_Method=Plutonium-239/240 Acid leaching without hydrofluoric acid****Bias****Quantiles**

100.0%	maximum	2.1
99.5%		2.1
97.5%		2.1
90.0%		2.1
75.0%	quartile	2.1
50.0%	median	-0.3
25.0%	quartile	-2.6
10.0%		-2.6
2.5%		-2.6
0.5%		-2.6
0.0%	minimum	-2.6

Summary Statistics

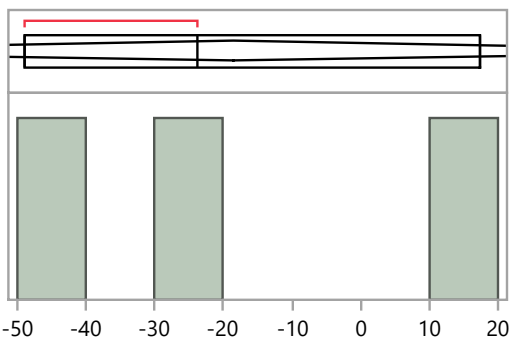
Mean	-0.3
Std Dev	3.3
Std Err Mean	2.4
Upper 95% Mean	29.6
Lower 95% Mean	-30.1
N	2.0

Distributions Analyte_Method=Plutonium-239/240 Evaporation, acidified**Bias****Quantiles**

100.0%	maximum	12.5
99.5%		12.5
97.5%		12.5
90.0%		12.5
75.0%	quartile	12.5
50.0%	median	12.5
25.0%	quartile	12.5
10.0%		12.5
2.5%		12.5
0.5%		12.5
0.0%	minimum	12.5

Summary Statistics

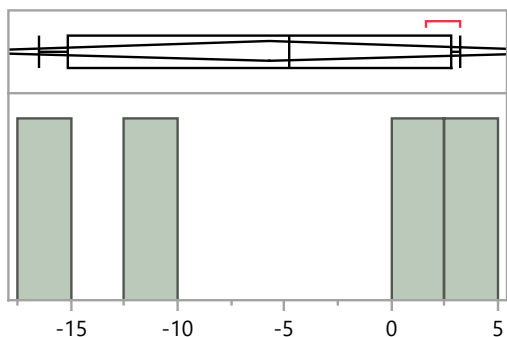
Mean	12.5
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1.0

Distributions Analyte_Method=Plutonium-239/240 Other**Bias****Quantiles**

100.0%	maximum	17.4
99.5%		17.4
97.5%		17.4
90.0%		17.4
75.0%	quartile	17.4
50.0%	median	-23.7
25.0%	quartile	-49.0
10.0%		-49.0
2.5%		-49.0
0.5%		-49.0
0.0%	minimum	-49.0

Summary Statistics

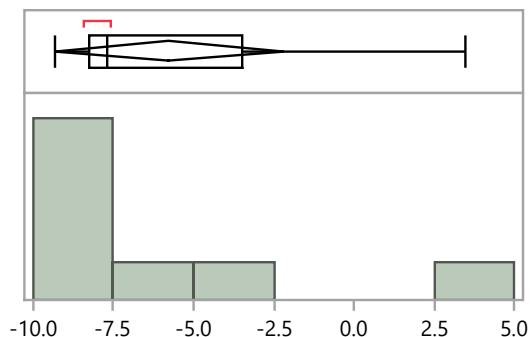
Mean	-18.4
Std Dev	33.5
Std Err Mean	19.3
Upper 95% Mean	64.8
Lower 95% Mean	-101.7
N	3.0

RdF54 Distribution by Preparation Method**Distributions Analyte_Method=Plutonium-239/240 Total dissolution by fusion****Bias****Quantiles**

100.0%	maximum	3.2
99.5%		3.2
97.5%		3.2
90.0%		3.2
75.0%	quartile	2.8
50.0%	median	-4.8
25.0%	quartile	-15.2
10.0%		-16.5
2.5%		-16.5
0.5%		-16.5
0.0%	minimum	-16.5

Summary Statistics

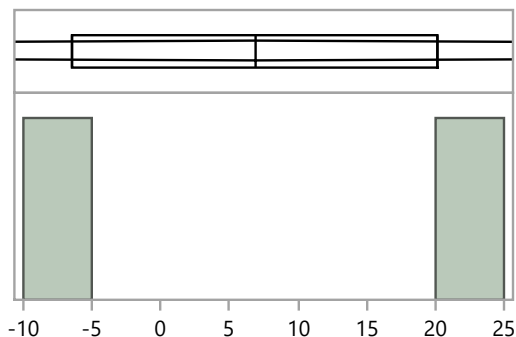
Mean	-5.7
Std Dev	9.6
Std Err Mean	4.8
Upper 95% Mean	9.6
Lower 95% Mean	-21.0
N	4.0

Distributions Analyte_Method=Strontium-90 Acid dissolution with hydrofluoric acid**Bias****Quantiles**

100.0%	maximum	3.5
99.5%		3.5
97.5%		3.5
90.0%		3.5
75.0%	quartile	-3.5
50.0%	median	-7.7
25.0%	quartile	-8.3
10.0%		-9.3
2.5%		-9.3
0.5%		-9.3
0.0%	minimum	-9.3

Summary Statistics

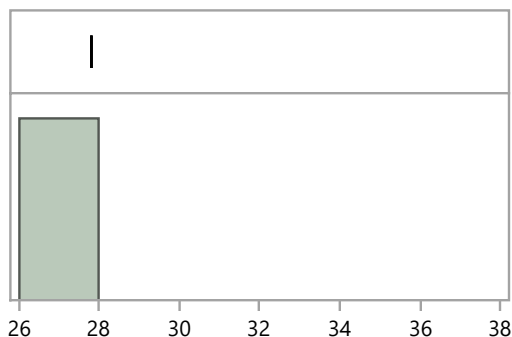
Mean	-5.8
Std Dev	4.3
Std Err Mean	1.5
Upper 95% Mean	-2.2
Lower 95% Mean	-9.3
N	8.0

Distributions Analyte_Method=Strontium-90 Acid leaching without hydrofluoric acid**Bias****Quantiles**

100.0%	maximum	20.1
99.5%		20.1
97.5%		20.1
90.0%		20.1
75.0%	quartile	20.1
50.0%	median	6.9
25.0%	quartile	-6.4
10.0%		-6.4
2.5%		-6.4
0.5%		-6.4
0.0%	minimum	-6.4

Summary Statistics

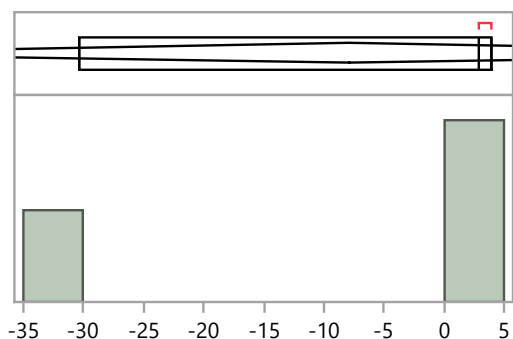
Mean	6.9
Std Dev	18.7
Std Err Mean	13.3
Upper 95% Mean	175.2
Lower 95% Mean	-161.5
N	2.0

RdF54 Distribution by Preparation Method**Distributions Analyte_Method=Strontium-90 EPA 905, Radioactive Strontium, 600/4-80-032****Bias****Quantiles**

100.0%	maximum	27.8
99.5%		27.8
97.5%		27.8
90.0%		27.8
75.0%	quartile	27.8
50.0%	median	27.8
25.0%	quartile	27.8
10.0%		27.8
2.5%		27.8
0.5%		27.8
0.0%	minimum	27.8

Summary Statistics

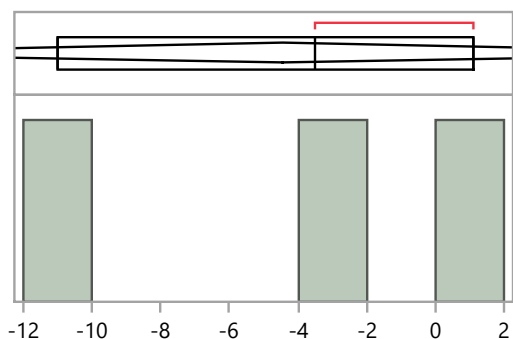
Mean	27.8
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1.0

Distributions Analyte_Method=Strontium-90 Other**Bias****Quantiles**

100.0%	maximum	3.9
99.5%		3.9
97.5%		3.9
90.0%		3.9
75.0%	quartile	3.9
50.0%	median	2.9
25.0%	quartile	-30.3
10.0%		-30.3
2.5%		-30.3
0.5%		-30.3
0.0%	minimum	-30.3

Summary Statistics

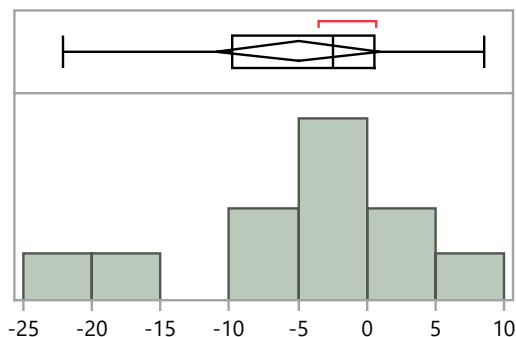
Mean	-7.8
Std Dev	19.5
Std Err Mean	11.2
Upper 95% Mean	40.5
Lower 95% Mean	-56.2
N	3.0

Distributions Analyte_Method=Strontium-90 Total dissolution by fusion**Bias****Quantiles**

100.0%	maximum	1.1
99.5%		1.1
97.5%		1.1
90.0%		1.1
75.0%	quartile	1.1
50.0%	median	-3.5
25.0%	quartile	-11.0
10.0%		-11.0
2.5%		-11.0
0.5%		-11.0
0.0%	minimum	-11.0

Summary Statistics

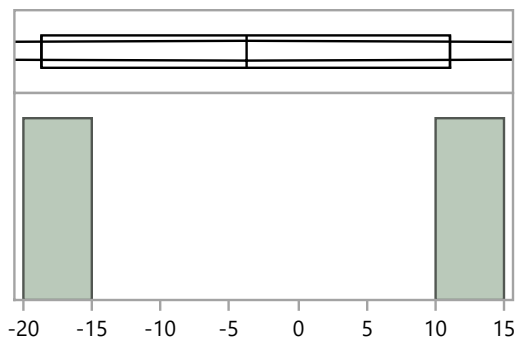
Mean	-4.5
Std Dev	6.1
Std Err Mean	3.5
Upper 95% Mean	10.7
Lower 95% Mean	-19.6
N	3.0

RdF54 Distribution by Preparation Method**Distributions Analyte_Method=Uranium-234 Acid dissolution with hydrofluoric acid****Bias****Quantiles**

100.0%	maximum	8.5
99.5%		8.5
97.5%		8.5
90.0%		6.9
75.0%	quartile	0.5
50.0%	median	-2.5
25.0%	quartile	-9.8
10.0%		-21.4
2.5%		-22.1
0.5%		-22.1
0.0%	minimum	-22.1

Summary Statistics

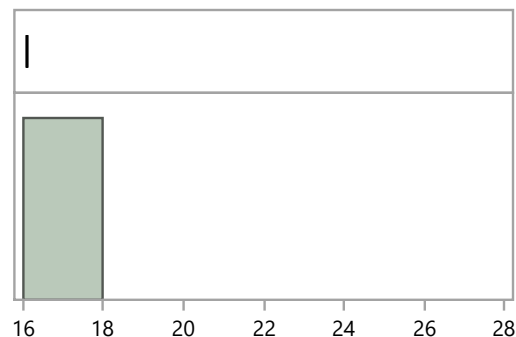
Mean	-5.0
Std Dev	8.9
Std Err Mean	2.7
Upper 95% Mean	1.0
Lower 95% Mean	-11.0
N	11.0

Distributions Analyte_Method=Uranium-234 Acid leaching without hydrofluoric acid**Bias****Quantiles**

100.0%	maximum	11.1
99.5%		11.1
97.5%		11.1
90.0%		11.1
75.0%	quartile	11.1
50.0%	median	-3.8
25.0%	quartile	-18.7
10.0%		-18.7
2.5%		-18.7
0.5%		-18.7
0.0%	minimum	-18.7

Summary Statistics

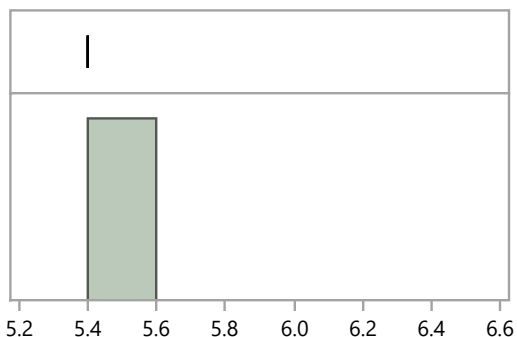
Mean	-3.8
Std Dev	21.1
Std Err Mean	14.9
Upper 95% Mean	185.5
Lower 95% Mean	-193.1
N	2.0

Distributions Analyte_Method=Uranium-234 EPA 908, Uranium-Radiochemical Method, 600/4/80-032**Bias****Quantiles**

100.0%	maximum	16.1
99.5%		16.1
97.5%		16.1
90.0%		16.1
75.0%	quartile	16.1
50.0%	median	16.1
25.0%	quartile	16.1
10.0%		16.1
2.5%		16.1
0.5%		16.1
0.0%	minimum	16.1

Summary Statistics

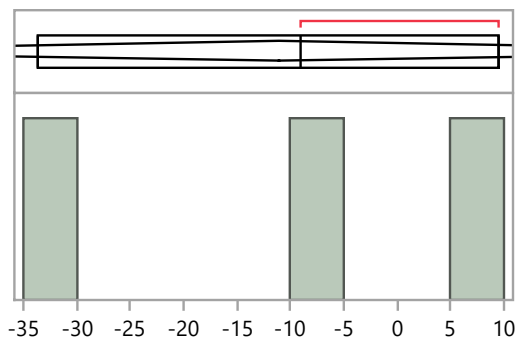
Mean	16.1
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1.0

RdF54 Distribution by Preparation Method**Distributions Analyte_Method=Uranium-234 Evaporation, acidified****Bias****Quantiles**

100.0%	maximum	5.4
99.5%		5.4
97.5%		5.4
90.0%		5.4
75.0%	quartile	5.4
50.0%	median	5.4
25.0%	quartile	5.4
10.0%		5.4
2.5%		5.4
0.5%		5.4
0.0%	minimum	5.4

Summary Statistics

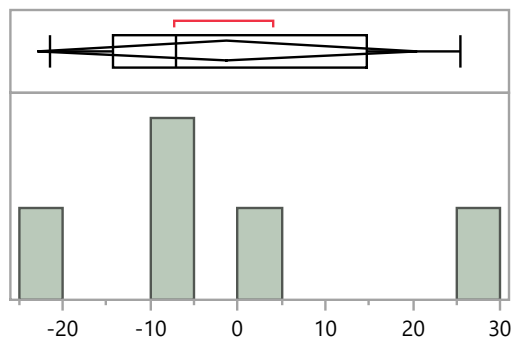
Mean	5.4
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1.0

Distributions Analyte_Method=Uranium-234 Other**Bias****Quantiles**

100.0%	maximum	9.5
99.5%		9.5
97.5%		9.5
90.0%		9.5
75.0%	quartile	9.5
50.0%	median	-9.1
25.0%	quartile	-33.7
10.0%		-33.7
2.5%		-33.7
0.5%		-33.7
0.0%	minimum	-33.7

Summary Statistics

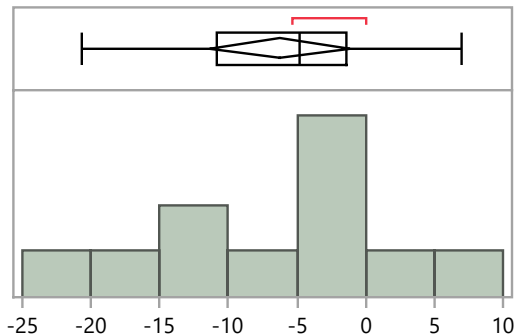
Mean	-11.1
Std Dev	21.7
Std Err Mean	12.5
Upper 95% Mean	42.7
Lower 95% Mean	-64.9
N	3.0

Distributions Analyte_Method=Uranium-234 Total dissolution by fusion**Bias****Quantiles**

100.0%	maximum	25.5
99.5%		25.5
97.5%		25.5
90.0%		25.5
75.0%	quartile	14.8
50.0%	median	-7.1
25.0%	quartile	-14.4
10.0%		-21.4
2.5%		-21.4
0.5%		-21.4
0.0%	minimum	-21.4

Summary Statistics

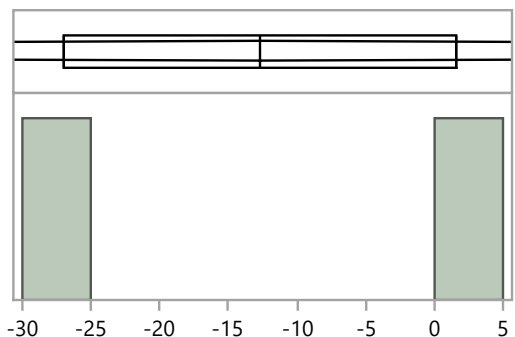
Mean	-1.2
Std Dev	17.5
Std Err Mean	7.8
Upper 95% Mean	20.5
Lower 95% Mean	-22.9
N	5.0

RdF54 Distribution by Preparation Method**Distributions Analyte_Method=Uranium-238 Acid dissolution with hydrofluoric acid****Bias****Quantiles**

100.0%	maximum	7.0
99.5%		7.0
97.5%		7.0
90.0%		5.6
75.0%	quartile	-1.4
50.0%	median	-4.8
25.0%	quartile	-10.8
10.0%		-19.5
2.5%		-20.6
0.5%		-20.6
0.0%	minimum	-20.6

Summary Statistics

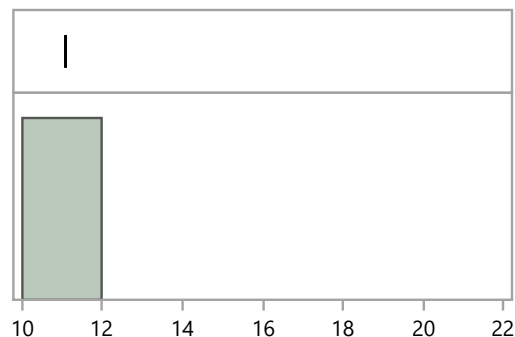
Mean	-6.2
Std Dev	7.6
Std Err Mean	2.3
Upper 95% Mean	-1.1
Lower 95% Mean	-11.4
N	11.0

Distributions Analyte_Method=Uranium-238 Acid leaching without hydrofluoric acid**Bias****Quantiles**

100.0%	maximum	1.6
99.5%		1.6
97.5%		1.6
90.0%		1.6
75.0%	quartile	1.6
50.0%	median	-12.7
25.0%	quartile	-27.0
10.0%		-27.0
2.5%		-27.0
0.5%		-27.0
0.0%	minimum	-27.0

Summary Statistics

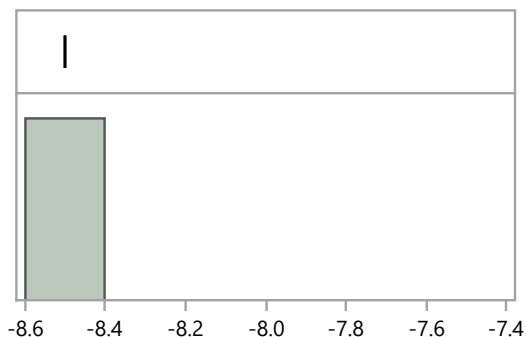
Mean	-12.7
Std Dev	20.2
Std Err Mean	14.3
Upper 95% Mean	169.0
Lower 95% Mean	-194.4
N	2.0

Distributions Analyte_Method=Uranium-238 EPA 908, Uranium-Radiochemical Method, 600/4/80-032**Bias****Quantiles**

100.0%	maximum	11.1
99.5%		11.1
97.5%		11.1
90.0%		11.1
75.0%	quartile	11.1
50.0%	median	11.1
25.0%	quartile	11.1
10.0%		11.1
2.5%		11.1
0.5%		11.1
0.0%	minimum	11.1

Summary Statistics

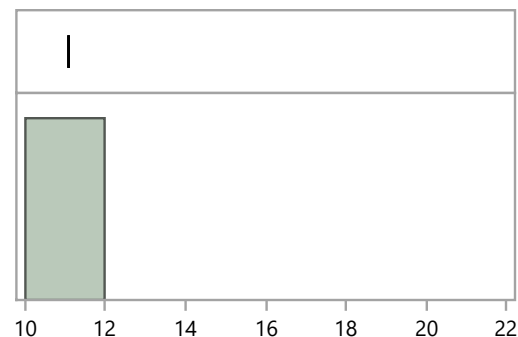
Mean	11.1
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1.0

RdF54 Distribution by Preparation Method**Distributions Analyte_Method=Uranium-238 Evaporation, acidified****Bias****Quantiles**

100.0%	maximum	-8.5
99.5%		-8.5
97.5%		-8.5
90.0%		-8.5
75.0%	quartile	-8.5
50.0%	median	-8.5
25.0%	quartile	-8.5
10.0%		-8.5
2.5%		-8.5
0.5%		-8.5
0.0%	minimum	-8.5

Summary Statistics

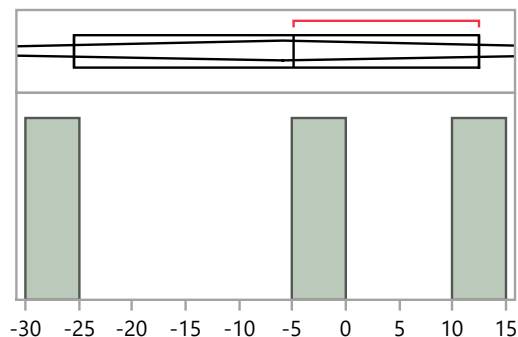
Mean	-8.5
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1.0

Distributions Analyte_Method=Uranium-238 No preparation - analyzed as received**Bias****Quantiles**

100.0%	maximum	11.1
99.5%		11.1
97.5%		11.1
90.0%		11.1
75.0%	quartile	11.1
50.0%	median	11.1
25.0%	quartile	11.1
10.0%		11.1
2.5%		11.1
0.5%		11.1
0.0%	minimum	11.1

Summary Statistics

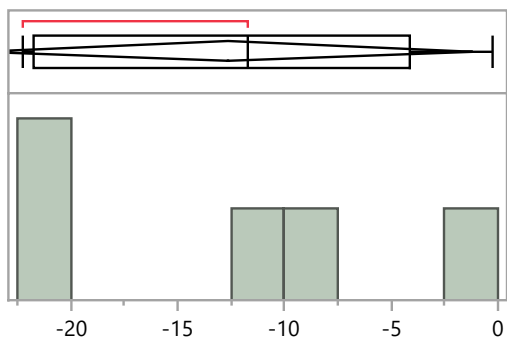
Mean	11.1
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1.0

Distributions Analyte_Method=Uranium-238 Other**Bias****Quantiles**

100.0%	maximum	12.5
99.5%		12.5
97.5%		12.5
90.0%		12.5
75.0%	quartile	12.5
50.0%	median	-4.9
25.0%	quartile	-25.4
10.0%		-25.4
2.5%		-25.4
0.5%		-25.4
0.0%	minimum	-25.4

Summary Statistics

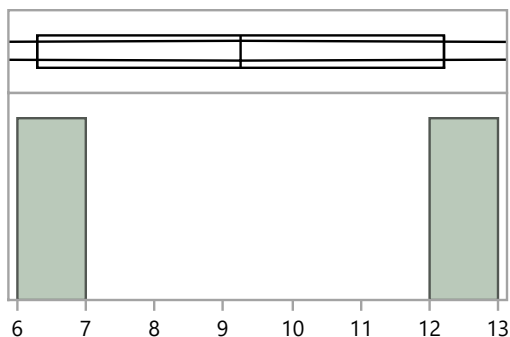
Mean	-5.9
Std Dev	19.0
Std Err Mean	11.0
Upper 95% Mean	41.2
Lower 95% Mean	-53.1
N	3.0

RdF54 Distribution by Preparation Method**Distributions Analyte_Method=Uranium-238 Total dissolution by fusion****Bias****Quantiles**

100.0%	maximum	-0.3
99.5%		-0.3
97.5%		-0.3
90.0%		-0.3
75.0%	quartile	-4.1
50.0%	median	-11.7
25.0%	quartile	-21.8
10.0%		-22.2
2.5%		-22.2
0.5%		-22.2
0.0%	minimum	-22.2

Summary Statistics

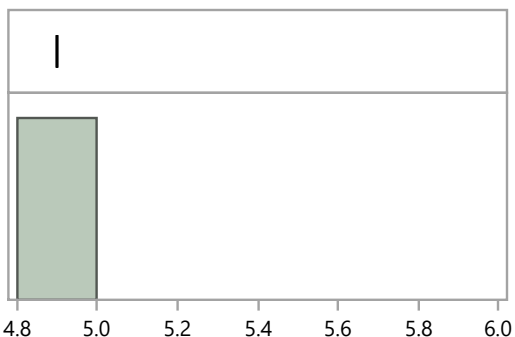
Mean	-12.7
Std Dev	9.2
Std Err Mean	4.1
Upper 95% Mean	-1.2
Lower 95% Mean	-24.2
N	5.0

Distributions Analyte_Method=Zinc-65 Acid dissolution with hydrofluoric acid**Bias****Quantiles**

100.0%	maximum	12.2
99.5%		12.2
97.5%		12.2
90.0%		12.2
75.0%	quartile	12.2
50.0%	median	9.3
25.0%	quartile	6.3
10.0%		6.3
2.5%		6.3
0.5%		6.3
0.0%	minimum	6.3

Summary Statistics

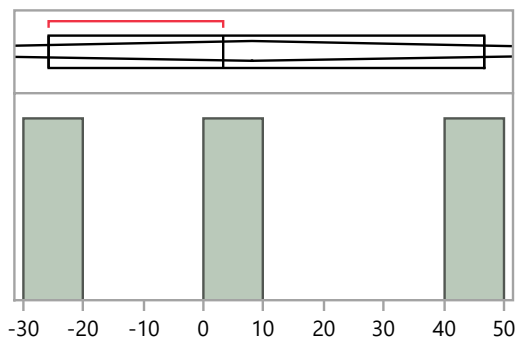
Mean	9.3
Std Dev	4.2
Std Err Mean	2.9
Upper 95% Mean	46.7
Lower 95% Mean	-28.2
N	2.0

Distributions Analyte_Method=Zinc-65 Coprecipitation, acidified**Bias****Quantiles**

100.0%	maximum	4.9
99.5%		4.9
97.5%		4.9
90.0%		4.9
75.0%	quartile	4.9
50.0%	median	4.9
25.0%	quartile	4.9
10.0%		4.9
2.5%		4.9
0.5%		4.9
0.0%	minimum	4.9

Summary Statistics

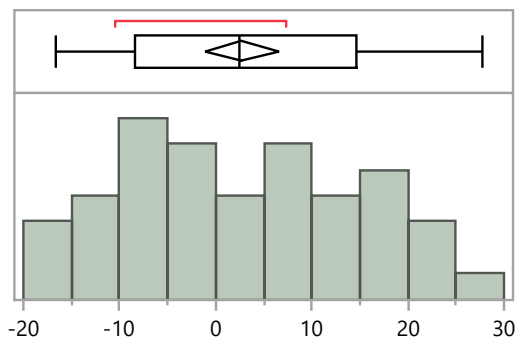
Mean	4.9
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1.0

RdF54 Distribution by Preparation Method**Distributions Analyte_Method=Zinc-65 EPA 901.1, Gamma Emitting, 600/4-80-032****Bias****Quantiles**

100.0%	maximum	46.7
99.5%		46.7
97.5%		46.7
90.0%		46.7
75.0%	quartile	46.7
50.0%	median	3.4
25.0%	quartile	-25.9
10.0%		-25.9
2.5%		-25.9
0.5%		-25.9
0.0%	minimum	-25.9

Summary Statistics

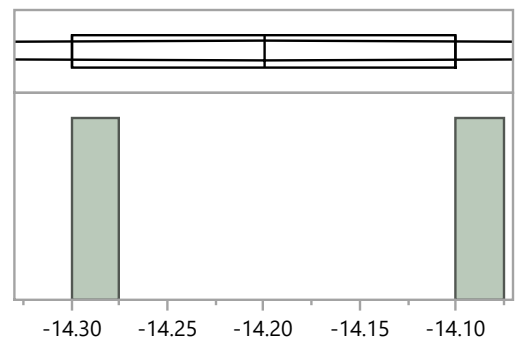
Mean	8.1
Std Dev	36.5
Std Err Mean	21.1
Upper 95% Mean	98.8
Lower 95% Mean	-82.7
N	3.0

Distributions Analyte_Method=Zinc-65 No preparation - analyzed as received**Bias****Quantiles**

100.0%	maximum	27.8
99.5%		27.8
97.5%		27.4
90.0%		20.2
75.0%	quartile	14.6
50.0%	median	2.4
25.0%	quartile	-8.3
10.0%		-13.3
2.5%		-16.6
0.5%		-16.6
0.0%	minimum	-16.6

Summary Statistics

Mean	2.8
Std Dev	12.3
Std Err Mean	1.9
Upper 95% Mean	6.5
Lower 95% Mean	-1.0
N	43.0

Distributions Analyte_Method=Zinc-65 Other**Bias****Quantiles**

100.0%	maximum	-14.1
99.5%		-14.1
97.5%		-14.1
90.0%		-14.1
75.0%	quartile	-14.1
50.0%	median	-14.2
25.0%	quartile	-14.3
10.0%		-14.3
2.5%		-14.3
0.5%		-14.3
0.0%	minimum	-14.3

Summary Statistics

Mean	-14.2
Std Dev	0.1
Std Err Mean	0.1
Upper 95% Mean	-12.9
Lower 95% Mean	-15.5
N	2.0