

LAB CHRONICLE

OrderID:	Q2639	OrderDate:	7/18/2025 10:22:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2639-01	OU4-TS-38-071725	SOIL	Mercury Metals ICP-TAL	7471B 6010D	07/17/25	07/24/25 07/21/25	07/25/25 07/22/25	07/18/25
Q2639-02	OU4-TS-38-071725	Water	SPLP Mercury SPLP MetalGroup3 SPLP MetalGroup3	7470A 6020B 6020B	07/17/25	07/21/25 07/21/25 07/21/25	07/22/25 07/22/25 07/24/25	07/18/25
Q2639-03	OU4-TS-39-071725	SOIL	Mercury Metals ICP-TAL	7471B 6010D	07/17/25	07/24/25 07/21/25	07/25/25 07/22/25	07/18/25
Q2639-04	OU4-TS-39-071725	Water	SPLP Mercury SPLP MetalGroup3 SPLP MetalGroup3	7470A 6020B 6020B	07/17/25	07/21/25 07/21/25 07/21/25	07/22/25 07/22/25 07/24/25	07/18/25
Q2639-05	OU4-TS-40-071725	SOIL	Mercury Metals ICP-TAL	7471B 6010D	07/17/25	07/24/25 07/21/25	07/25/25 07/22/25	07/18/25
Q2639-06	OU4-TS-40-071725	Water	SPLP Mercury SPLP MetalGroup3 SPLP MetalGroup3	7470A 6020B 6020B	07/17/25	07/21/25 07/21/25 07/21/25	07/22/25 07/22/25 07/24/25	07/18/25
Q2639-07	OU4-TS-41-071725	SOIL	Mercury Metals ICP-TAL	7471B 6010D	07/17/25	07/24/25 07/21/25	07/25/25 07/22/25	07/18/25
Q2639-08	OU4-TS-41-071725	Water			07/17/25			07/18/25

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Q2639-09	OU4-TS-42-071725	SOIL	SPLP Mercury	7470A	07/21/25	07/22/25	07/17/25	07/18/25
			SPLP MetalGroup3	6020B	07/21/25	07/22/25		
			SPLP MetalGroup3	6020B	07/21/25	07/24/25		
Q2639-10	OU4-TS-42-071725	Water	Mercury	7471B	07/24/25	07/25/25	07/17/25	07/18/25
			Metals ICP-TAL	6010D	07/21/25	07/23/25		
Q2639-11	OU4-TS-43-071725	SOIL	SPLP Mercury	7470A	07/21/25	07/22/25	07/17/25	07/18/25
			SPLP MetalGroup3	6020B	07/21/25	07/22/25		
			SPLP MetalGroup3	6020B	07/21/25	07/24/25		
Q2639-12	OU4-TS-43-071725	Water	Mercury	7471B	07/24/25	07/25/25	07/17/25	07/18/25
			Metals ICP-TAL	6010D	07/21/25	07/22/25		
Q2639-13	OU4-TS-44-071725	SOIL	SPLP Mercury	7470A	07/21/25	07/22/25	07/17/25	07/18/25
			SPLP MetalGroup3	6020B	07/21/25	07/22/25		
			SPLP MetalGroup3	6020B	07/21/25	07/24/25		
Q2639-14	OU4-TS-44-071725	Water	Mercury	7471B	07/24/25	07/25/25	07/17/25	07/18/25
			Metals ICP-TAL	6010D	07/21/25	07/22/25		
			SPLP Mercury	7470A	07/21/25	07/22/25		
			SPLP MetalGroup3	6020B	07/21/25	07/22/25		
			SPLP MetalGroup3	6020B	07/21/25	07/24/25		

Hit Summary Sheet
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SDG No.: Q2639 **Order ID:** Q2639
Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-38-071725									
Q2639-01	OU4-TS-38-071725	SOIL	Aluminum	12800		0.89	4.22	5.28	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Arsenic	10.8		0.20	0.85	1.06	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Barium	90.4		0.77	1.32	5.28	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Beryllium	0.70		0.026	0.079	0.32	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Cadmium	0.79		0.025	0.079	0.32	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Calcium	2880		11.7	26.4	106	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Chromium	27.6		0.050	0.13	0.53	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Cobalt	14.4		0.11	0.40	1.58	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Copper	75.5		0.23	0.85	1.06	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Iron	23300		4.21	4.22	5.28	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Lead	30.3		0.14	0.51	0.63	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Magnesium	5920		12.7	26.4	106	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Manganese	371		0.15	0.26	1.06	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Mercury	0.10		0.0090	0.012	0.016	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Nickel	25.3		0.14	0.53	2.11	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Potassium	4440		29.2	84.5	106	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Silver	0.77		0.13	0.26	0.53	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Sodium	119		18.8	84.5	106	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Vanadium	38.0		0.26	1.06	2.11	mg/Kg
Q2639-01	OU4-TS-38-071725	SOIL	Zinc	91.0		0.24	0.53	2.11	mg/Kg
Client ID : OU4-TS-39-071725									
Q2639-03	OU4-TS-39-071725	SOIL	Aluminum	13200		0.93	4.41	5.51	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Arsenic	11.2		0.21	0.88	1.10	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Barium	92.6		0.81	1.38	5.51	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Beryllium	0.74		0.028	0.083	0.33	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Cadmium	0.81		0.026	0.083	0.33	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Calcium	2990		12.2	27.6	110	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Chromium	28.7		0.052	0.14	0.55	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Cobalt	15.4		0.11	0.41	1.65	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Copper	83.2		0.24	0.88	1.10	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Iron	23900		4.40	4.41	5.51	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Lead	31.7		0.14	0.53	0.66	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Magnesium	5910		13.2	27.6	110	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Manganese	397		0.15	0.28	1.10	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Mercury	0.011	J	0.0090	0.013	0.016	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Nickel	25.8		0.14	0.55	2.20	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Potassium	4410		30.5	88.2	110	mg/Kg

Hit Summary Sheet
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SDG No.: Q2639 **Order ID:** Q2639
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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2639-03	OU4-TS-39-071725	SOIL	Silver	0.58		0.13	0.28	0.55	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Sodium	118		19.6	88.2	110	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Vanadium	37.4		0.28	1.10	2.20	mg/Kg
Q2639-03	OU4-TS-39-071725	SOIL	Zinc	92.0		0.25	0.55	2.20	mg/Kg
Client ID : OU4-TS-40-071725									
Q2639-05	OU4-TS-40-071725	SOIL	Aluminum	12500		0.90	4.29	5.36	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Arsenic	10.5		0.20	0.86	1.07	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Barium	86.8		0.78	1.34	5.36	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Beryllium	0.67		0.027	0.080	0.32	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Cadmium	0.72		0.026	0.080	0.32	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Calcium	2940		11.9	26.8	107	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Chromium	25.8		0.050	0.13	0.54	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Cobalt	13.8		0.11	0.40	1.61	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Copper	73.3		0.24	0.86	1.07	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Iron	22900		4.28	4.29	5.36	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Lead	28.8		0.14	0.52	0.64	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Magnesium	5640		12.9	26.8	107	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Manganese	371		0.15	0.27	1.07	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Mercury	0.037		0.0090	0.013	0.016	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Nickel	24.4		0.14	0.54	2.15	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Potassium	4220		29.7	85.8	107	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Silver	0.75		0.13	0.27	0.54	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Sodium	112		19.1	85.8	107	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Vanadium	35.5		0.27	1.07	2.15	mg/Kg
Q2639-05	OU4-TS-40-071725	SOIL	Zinc	87.8		0.25	0.54	2.15	mg/Kg
Client ID : OU4-TS-41-071725									
Q2639-07	OU4-TS-41-071725	SOIL	Aluminum	12700		0.99	4.69	5.86	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Arsenic	10.8		0.22	0.94	1.17	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Barium	91.1		0.86	1.47	5.86	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Beryllium	0.69		0.029	0.088	0.35	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Cadmium	0.62		0.028	0.088	0.35	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Calcium	3150		13.0	29.3	117	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Chromium	27.2		0.055	0.15	0.59	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Cobalt	14.1		0.12	0.44	1.76	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Copper	76.2		0.26	0.94	1.17	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Iron	23300		4.68	4.69	5.86	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Lead	28.6		0.15	0.56	0.70	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Magnesium	5760		14.1	29.3	117	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Manganese	382		0.16	0.29	1.17	mg/Kg

Hit Summary Sheet
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Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2639-07	OU4-TS-41-071725	SOIL	Mercury	0.086	J	0.0090	0.013	0.016	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Nickel	24.5		0.15	0.59	2.35	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Potassium	4280		32.5	93.8	117	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Silver	0.78		0.14	0.29	0.59	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Sodium	111		20.9	93.8	117	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Vanadium	36.0		0.29	1.17	2.35	mg/Kg
Q2639-07	OU4-TS-41-071725	SOIL	Zinc	89.9		0.27	0.59	2.35	mg/Kg
Client ID : OU4-TS-42-071725									
Q2639-09	OU4-TS-42-071725	SOIL	Aluminum	13900	J	1.31	6.23	7.79	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Arsenic	18.4		0.30	1.25	1.56	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Barium	105		1.14	1.95	7.79	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Beryllium	0.91		0.039	0.12	0.47	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Cadmium	0.54		0.037	0.12	0.47	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Calcium	6640		17.3	38.9	156	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Chromium	21.3		0.073	0.20	0.78	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Cobalt	13.8		0.16	0.58	2.34	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Copper	55.4		0.34	1.25	1.56	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Iron	22700		6.21	6.23	7.79	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Lead	27.9		0.20	0.75	0.93	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Magnesium	5270		18.7	38.9	156	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Manganese	465		0.22	0.39	1.56	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Mercury	0.10		0.011	0.016	0.020	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Nickel	25.4		0.20	0.78	3.11	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Potassium	4890		43.1	125	156	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Silver	1.04		0.19	0.39	0.78	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Sodium	358		27.7	125	156	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Thallium	0.63		0.36	1.56	3.11	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Vanadium	34.3		0.39	1.56	3.11	mg/Kg
Q2639-09	OU4-TS-42-071725	SOIL	Zinc	88.1		0.36	0.78	3.11	mg/Kg
Client ID : OU4-TS-43-071725									
Q2639-11	OU4-TS-43-071725	SOIL	Aluminum	13700		1.25	5.97	7.46	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Arsenic	21.0		0.28	1.19	1.49	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Barium	106		1.09	1.87	7.46	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Beryllium	0.73		0.037	0.11	0.45	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Cadmium	0.65		0.036	0.11	0.45	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Calcium	7990		16.6	37.3	149	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Chromium	20.9		0.070	0.19	0.75	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Cobalt	13.1		0.15	0.56	2.24	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Copper	60.1		0.33	1.19	1.49	mg/Kg

Hit Summary Sheet
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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2639-11	OU4-TS-43-071725	SOIL	Iron	22300		5.96	5.97	7.46	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Lead	30.7		0.19	0.72	0.90	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Magnesium	5520		17.9	37.3	149	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Manganese	467		0.21	0.37	1.49	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Mercury	0.079		0.012	0.017	0.022	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Nickel	23.8		0.19	0.75	2.99	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Potassium	4610		41.3	119	149	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Silver	0.94		0.18	0.37	0.75	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Sodium	287		26.6	119	149	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Vanadium	32.6		0.37	1.49	2.99	mg/Kg
Q2639-11	OU4-TS-43-071725	SOIL	Zinc	89.4		0.34	0.75	2.99	mg/Kg
Client ID : OU4-TS-44-071725									
Q2639-13	OU4-TS-44-071725	SOIL	Aluminum	11300		1.09	5.18	6.47	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Arsenic	17.3		0.25	1.04	1.29	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Barium	87.2		0.95	1.62	6.47	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Beryllium	0.61		0.032	0.097	0.39	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Cadmium	0.57		0.031	0.097	0.39	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Calcium	7160		14.4	32.4	129	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Chromium	16.7		0.061	0.16	0.65	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Cobalt	10.7		0.13	0.49	1.94	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Copper	51.4		0.28	1.04	1.29	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Iron	18000		5.17	5.18	6.47	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Lead	24.4		0.17	0.62	0.78	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Magnesium	4500		15.5	32.4	129	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Manganese	406		0.18	0.32	1.29	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Mercury	0.072		0.011	0.016	0.020	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Nickel	19.7		0.17	0.65	2.59	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Potassium	3870		35.9	104	129	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Silver	0.59	J	0.16	0.32	0.65	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Sodium	262		23.0	104	129	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Vanadium	27.8		0.32	1.29	2.59	mg/Kg
Q2639-13	OU4-TS-44-071725	SOIL	Zinc	78.6		0.30	0.65	2.59	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-38-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12800		1	0.89	4.22	5.28	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-36-0	Antimony	0.66	UN	1	0.23	0.66	2.64	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-38-2	Arsenic	10.8		1	0.20	0.85	1.06	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-39-3	Barium	90.4		1	0.77	1.32	5.28	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-41-7	Beryllium	0.70		1	0.026	0.079	0.32	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-43-9	Cadmium	0.79		1	0.025	0.079	0.32	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-70-2	Calcium	2880	*	1	11.7	26.4	106	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-47-3	Chromium	27.6		1	0.050	0.13	0.53	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-48-4	Cobalt	14.4		1	0.11	0.40	1.58	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-50-8	Copper	75.5		1	0.23	0.85	1.06	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7439-89-6	Iron	23300		1	4.21	4.22	5.28	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7439-92-1	Lead	30.3		1	0.14	0.51	0.63	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7439-95-4	Magnesium	5920	*	1	12.7	26.4	106	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7439-96-5	Manganese	371		1	0.15	0.26	1.06	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7439-97-6	Mercury	0.10	N	1	0.0090	0.012	0.016	mg/Kg	07/24/25 15:10	07/25/25 12:02	7471B	
7440-02-0	Nickel	25.3		1	0.14	0.53	2.11	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-09-7	Potassium	4440		1	29.2	84.5	106	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7782-49-2	Selenium	0.85	U	1	0.28	0.85	1.06	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-22-4	Silver	0.77		1	0.13	0.26	0.53	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-23-5	Sodium	119		1	18.8	84.5	106	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-28-0	Thallium	1.06	U	1	0.24	1.06	2.11	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-62-2	Vanadium	38.0		1	0.26	1.06	2.11	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050
7440-66-6	Zinc	91.0	N	1	0.24	0.53	2.11	mg/Kg	07/21/25 10:05	07/22/25 17:52	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-39-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	81

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	13200		1	0.93	4.41	5.51	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-36-0	Antimony	0.69	UN	1	0.24	0.69	2.76	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-38-2	Arsenic	11.2		1	0.21	0.88	1.10	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-39-3	Barium	92.6		1	0.81	1.38	5.51	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-41-7	Beryllium	0.74		1	0.028	0.083	0.33	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-43-9	Cadmium	0.81		1	0.026	0.083	0.33	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-70-2	Calcium	2990	*	1	12.2	27.6	110	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-47-3	Chromium	28.7		1	0.052	0.14	0.55	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-48-4	Cobalt	15.4		1	0.11	0.41	1.65	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-50-8	Copper	83.2		1	0.24	0.88	1.10	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7439-89-6	Iron	23900		1	4.40	4.41	5.51	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7439-92-1	Lead	31.7		1	0.14	0.53	0.66	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7439-95-4	Magnesium	5910	*	1	13.2	27.6	110	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7439-96-5	Manganese	397		1	0.15	0.28	1.10	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7439-97-6	Mercury	0.011	JN	1	0.0090	0.013	0.016	mg/Kg	07/24/25 15:10	07/25/25 12:05	7471B	
7440-02-0	Nickel	25.8		1	0.14	0.55	2.20	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-09-7	Potassium	4410		1	30.5	88.2	110	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7782-49-2	Selenium	0.88	U	1	0.29	0.88	1.10	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-22-4	Silver	0.58		1	0.13	0.28	0.55	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-23-5	Sodium	118		1	19.6	88.2	110	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-28-0	Thallium	1.10	U	1	0.25	1.10	2.20	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-62-2	Vanadium	37.4		1	0.28	1.10	2.20	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050
7440-66-6	Zinc	92.0	N	1	0.25	0.55	2.20	mg/Kg	07/21/25 10:05	07/22/25 17:56	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-40-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12500		1	0.90	4.29	5.36	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-36-0	Antimony	0.67	UN	1	0.24	0.67	2.68	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-38-2	Arsenic	10.5		1	0.20	0.86	1.07	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-39-3	Barium	86.8		1	0.78	1.34	5.36	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-41-7	Beryllium	0.67		1	0.027	0.080	0.32	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-43-9	Cadmium	0.72		1	0.026	0.080	0.32	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-70-2	Calcium	2940	*	1	11.9	26.8	107	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-47-3	Chromium	25.8		1	0.050	0.13	0.54	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-48-4	Cobalt	13.8		1	0.11	0.40	1.61	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-50-8	Copper	73.3		1	0.24	0.86	1.07	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7439-89-6	Iron	22900		1	4.28	4.29	5.36	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7439-92-1	Lead	28.8		1	0.14	0.52	0.64	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7439-95-4	Magnesium	5640	*	1	12.9	26.8	107	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7439-96-5	Manganese	371		1	0.15	0.27	1.07	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7439-97-6	Mercury	0.037	N	1	0.0090	0.013	0.016	mg/Kg	07/24/25 15:10	07/25/25 12:07	7471B	
7440-02-0	Nickel	24.4		1	0.14	0.54	2.15	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-09-7	Potassium	4220		1	29.7	85.8	107	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7782-49-2	Selenium	0.86	U	1	0.28	0.86	1.07	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-22-4	Silver	0.75		1	0.13	0.27	0.54	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-23-5	Sodium	112		1	19.1	85.8	107	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-28-0	Thallium	1.07	U	1	0.25	1.07	2.15	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-62-2	Vanadium	35.5		1	0.27	1.07	2.15	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050
7440-66-6	Zinc	87.8	N	1	0.25	0.54	2.15	mg/Kg	07/21/25 10:05	07/22/25 18:00	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-41-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	82

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12700		1	0.99	4.69	5.86	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-36-0	Antimony	0.73	UN	1	0.26	0.73	2.93	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-38-2	Arsenic	10.8		1	0.22	0.94	1.17	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-39-3	Barium	91.1		1	0.86	1.47	5.86	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-41-7	Beryllium	0.69		1	0.029	0.088	0.35	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-43-9	Cadmium	0.62		1	0.028	0.088	0.35	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-70-2	Calcium	3150	*	1	13.0	29.3	117	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-47-3	Chromium	27.2		1	0.055	0.15	0.59	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-48-4	Cobalt	14.1		1	0.12	0.44	1.76	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-50-8	Copper	76.2		1	0.26	0.94	1.17	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7439-89-6	Iron	23300		1	4.68	4.69	5.86	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7439-92-1	Lead	28.6		1	0.15	0.56	0.70	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7439-95-4	Magnesium	5760	*	1	14.1	29.3	117	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7439-96-5	Manganese	382		1	0.16	0.29	1.17	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7439-97-6	Mercury	0.086	N	1	0.0090	0.013	0.016	mg/Kg	07/24/25 15:10	07/25/25 12:09	7471B	
7440-02-0	Nickel	24.5		1	0.15	0.59	2.35	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-09-7	Potassium	4280		1	32.5	93.8	117	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7782-49-2	Selenium	0.94	U	1	0.31	0.94	1.17	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-22-4	Silver	0.78		1	0.14	0.29	0.59	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-23-5	Sodium	111	J	1	20.9	93.8	117	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-28-0	Thallium	1.17	U	1	0.27	1.17	2.35	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-62-2	Vanadium	36.0		1	0.29	1.17	2.35	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050
7440-66-6	Zinc	89.9	N	1	0.27	0.59	2.35	mg/Kg	07/21/25 10:05	07/22/25 18:13	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

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J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-42-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	60.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	13900		1	1.31	6.23	7.79	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-36-0	Antimony	0.97	UN	1	0.34	0.97	3.89	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-38-2	Arsenic	18.4		1	0.30	1.25	1.56	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-39-3	Barium	105		1	1.14	1.95	7.79	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-41-7	Beryllium	0.91		1	0.039	0.12	0.47	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-43-9	Cadmium	0.54		1	0.037	0.12	0.47	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-70-2	Calcium	6640	*	1	17.3	38.9	156	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-47-3	Chromium	21.3		1	0.073	0.20	0.78	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-48-4	Cobalt	13.8		1	0.16	0.58	2.34	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-50-8	Copper	55.4		1	0.34	1.25	1.56	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7439-89-6	Iron	22700		1	6.21	6.23	7.79	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7439-92-1	Lead	27.9		1	0.20	0.75	0.93	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7439-95-4	Magnesium	5270	*	1	18.7	38.9	156	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7439-96-5	Manganese	465		1	0.22	0.39	1.56	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7439-97-6	Mercury	0.10	N	1	0.011	0.016	0.020	mg/Kg	07/24/25 15:10	07/25/25 12:16	7471B	
7440-02-0	Nickel	25.4		1	0.20	0.78	3.11	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-09-7	Potassium	4890		1	43.1	125	156	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7782-49-2	Selenium	1.25	U	1	0.41	1.25	1.56	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-22-4	Silver	1.04		1	0.19	0.39	0.78	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-23-5	Sodium	358		1	27.7	125	156	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-28-0	Thallium	0.63	J	1	0.36	1.56	3.11	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-62-2	Vanadium	34.3		1	0.39	1.56	3.11	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050
7440-66-6	Zinc	88.1	N	1	0.36	0.78	3.11	mg/Kg	07/21/25 10:05	07/23/25 15:01	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-43-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-11	Matrix:	SOIL
Level (low/med):	low	% Solid:	58

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	13700		1	1.25	5.97	7.46	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-36-0	Antimony	0.93	UN	1	0.33	0.93	3.73	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-38-2	Arsenic	21.0		1	0.28	1.19	1.49	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-39-3	Barium	106		1	1.09	1.87	7.46	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-41-7	Beryllium	0.73		1	0.037	0.11	0.45	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-43-9	Cadmium	0.65		1	0.036	0.11	0.45	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-70-2	Calcium	7990	*	1	16.6	37.3	149	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-47-3	Chromium	20.9		1	0.070	0.19	0.75	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-48-4	Cobalt	13.1		1	0.15	0.56	2.24	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-50-8	Copper	60.1		1	0.33	1.19	1.49	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7439-89-6	Iron	22300		1	5.96	5.97	7.46	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7439-92-1	Lead	30.7		1	0.19	0.72	0.90	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7439-95-4	Magnesium	5520	*	1	17.9	37.3	149	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7439-96-5	Manganese	467		1	0.21	0.37	1.49	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7439-97-6	Mercury	0.079	N	1	0.012	0.017	0.022	mg/Kg	07/24/25 15:10	07/25/25 12:19	7471B	
7440-02-0	Nickel	23.8		1	0.19	0.75	2.99	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-09-7	Potassium	4610		1	41.3	119	149	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7782-49-2	Selenium	1.19	U	1	0.39	1.19	1.49	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-22-4	Silver	0.94		1	0.18	0.37	0.75	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-23-5	Sodium	287		1	26.6	119	149	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-28-0	Thallium	1.49	U	1	0.34	1.49	2.99	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-62-2	Vanadium	32.6		1	0.37	1.49	2.99	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050
7440-66-6	Zinc	89.4	N	1	0.34	0.75	2.99	mg/Kg	07/21/25 10:05	07/22/25 18:22	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-44-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-13	Matrix:	SOIL
Level (low/med):	low	% Solid:	64.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11300		1	1.09	5.18	6.47	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-36-0	Antimony	0.81	UN	1	0.28	0.81	3.24	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-38-2	Arsenic	17.3		1	0.25	1.04	1.29	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-39-3	Barium	87.2		1	0.95	1.62	6.47	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-41-7	Beryllium	0.61		1	0.032	0.097	0.39	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-43-9	Cadmium	0.57		1	0.031	0.097	0.39	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-70-2	Calcium	7160	*	1	14.4	32.4	129	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-47-3	Chromium	16.7		1	0.061	0.16	0.65	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-48-4	Cobalt	10.7		1	0.13	0.49	1.94	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-50-8	Copper	51.4		1	0.28	1.04	1.29	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7439-89-6	Iron	18000		1	5.17	5.18	6.47	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7439-92-1	Lead	24.4		1	0.17	0.62	0.78	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7439-95-4	Magnesium	4500	*	1	15.5	32.4	129	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7439-96-5	Manganese	406		1	0.18	0.32	1.29	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7439-97-6	Mercury	0.072	N	1	0.011	0.016	0.020	mg/Kg	07/24/25 15:10	07/25/25 12:21	7471B	
7440-02-0	Nickel	19.7		1	0.17	0.65	2.59	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-09-7	Potassium	3870		1	35.9	104	129	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7782-49-2	Selenium	1.04	U	1	0.34	1.04	1.29	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-22-4	Silver	0.59	J	1	0.16	0.32	0.65	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-23-5	Sodium	262		1	23.0	104	129	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-28-0	Thallium	1.29	U	1	0.30	1.29	2.59	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-62-2	Vanadium	27.8		1	0.32	1.29	2.59	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050
7440-66-6	Zinc	78.6	N	1	0.30	0.65	2.59	mg/Kg	07/21/25 10:05	07/22/25 18:26	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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D = Dilution

Q = indicates LCS control criteria did not meet requirements

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* = indicates the duplicate analysis is not within control limits.

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METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV39	Mercury	4.08	4.0	102	90 - 110	CV	07/25/2025	11:13	LB136613

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV47	Mercury	4.98	5.0	100	90 - 110	CV	07/25/2025	11:17	LB136613
CCV48	Mercury	4.86	5.0	97	90 - 110	CV	07/25/2025	12:12	LB136613
CCV49	Mercury	5.12	5.0	102	90 - 110	CV	07/25/2025	12:39	LB136613
CCV50	Mercury	5.00	5.0	100	90 - 110	CV	07/25/2025	12:53	LB136613

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	8040	8000	100	90 - 110	P	07/22/2025	12:03	LB136571
	Antimony	4100	4000	103	90 - 110	P	07/22/2025	12:03	LB136571
	Arsenic	3880	4000	97	90 - 110	P	07/22/2025	12:03	LB136571
	Barium	8140	8000	102	90 - 110	P	07/22/2025	12:03	LB136571
	Beryllium	203	200	102	90 - 110	P	07/22/2025	12:03	LB136571
	Cadmium	1950	2000	98	90 - 110	P	07/22/2025	12:03	LB136571
	Calcium	20300	20000	102	90 - 110	P	07/22/2025	12:03	LB136571
	Chromium	819	800	102	90 - 110	P	07/22/2025	12:03	LB136571
	Cobalt	2030	2000	102	90 - 110	P	07/22/2025	12:03	LB136571
	Copper	1030	1000	103	90 - 110	P	07/22/2025	12:03	LB136571
	Iron	4060	4000	102	90 - 110	P	07/22/2025	12:03	LB136571
	Lead	3800	4000	95	90 - 110	P	07/22/2025	12:03	LB136571
	Magnesium	20200	20000	101	90 - 110	P	07/22/2025	12:03	LB136571
	Manganese	2030	2000	102	90 - 110	P	07/22/2025	12:03	LB136571
	Nickel	2040	2000	102	90 - 110	P	07/22/2025	12:03	LB136571
	Potassium	19900	20000	99	90 - 110	P	07/22/2025	12:03	LB136571
	Selenium	3880	4000	97	90 - 110	P	07/22/2025	12:03	LB136571
	Silver	1040	1000	104	90 - 110	P	07/22/2025	12:03	LB136571
	Sodium	19600	20000	98	90 - 110	P	07/22/2025	12:03	LB136571
	Thallium	3770	4000	94	90 - 110	P	07/22/2025	12:03	LB136571
	Vanadium	2010	2000	100	90 - 110	P	07/22/2025	12:03	LB136571
	Zinc	2050	2000	102	90 - 110	P	07/22/2025	12:03	LB136571

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	108	100	108	80 - 120	P	07/22/2025	12:10	LB136571
	Antimony	52.5	50.0	105	80 - 120	P	07/22/2025	12:10	LB136571
	Arsenic	21.8	20.0	109	80 - 120	P	07/22/2025	12:10	LB136571
	Barium	101	100	102	80 - 120	P	07/22/2025	12:10	LB136571
	Beryllium	6.30	6.0	105	80 - 120	P	07/22/2025	12:10	LB136571
	Cadmium	5.75	6.0	96	80 - 120	P	07/22/2025	12:10	LB136571
	Calcium	2130	2000	107	80 - 120	P	07/22/2025	12:10	LB136571
	Chromium	10.8	10.0	108	80 - 120	P	07/22/2025	12:10	LB136571
	Cobalt	29.8	30.0	99	80 - 120	P	07/22/2025	12:10	LB136571
	Copper	21.7	20.0	108	80 - 120	P	07/22/2025	12:10	LB136571
	Iron	107	100	107	80 - 120	P	07/22/2025	12:10	LB136571
	Lead	13.2	12.0	110	80 - 120	P	07/22/2025	12:10	LB136571
	Magnesium	2200	2000	110	80 - 120	P	07/22/2025	12:10	LB136571
	Manganese	22.0	20.0	110	80 - 120	P	07/22/2025	12:10	LB136571
	Nickel	40.9	40.0	102	80 - 120	P	07/22/2025	12:10	LB136571
	Potassium	2100	2000	105	80 - 120	P	07/22/2025	12:10	LB136571
	Selenium	21.7	20.0	109	80 - 120	P	07/22/2025	12:10	LB136571
	Silver	10.4	10.0	104	80 - 120	P	07/22/2025	12:10	LB136571
	Sodium	1840	2000	92	80 - 120	P	07/22/2025	12:10	LB136571
	Thallium	39.5	40.0	99	80 - 120	P	07/22/2025	12:10	LB136571
	Vanadium	40.4	40.0	101	80 - 120	P	07/22/2025	12:10	LB136571
	Zinc	42.6	40.0	106	80 - 120	P	07/22/2025	12:10	LB136571

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10000	10000	100	90 - 110	P	07/22/2025	13:00	LB136571
	Antimony	5050	5000	101	90 - 110	P	07/22/2025	13:00	LB136571
	Arsenic	5010	5000	100	90 - 110	P	07/22/2025	13:00	LB136571
	Barium	10100	10000	101	90 - 110	P	07/22/2025	13:00	LB136571
	Beryllium	247	250	99	90 - 110	P	07/22/2025	13:00	LB136571
	Cadmium	2470	2500	99	90 - 110	P	07/22/2025	13:00	LB136571
	Calcium	25500	25000	102	90 - 110	P	07/22/2025	13:00	LB136571
	Chromium	984	1000	98	90 - 110	P	07/22/2025	13:00	LB136571
	Cobalt	2480	2500	99	90 - 110	P	07/22/2025	13:00	LB136571
	Copper	1260	1250	101	90 - 110	P	07/22/2025	13:00	LB136571
	Iron	5030	5000	101	90 - 110	P	07/22/2025	13:00	LB136571
	Lead	4920	5000	98	90 - 110	P	07/22/2025	13:00	LB136571
	Magnesium	25000	25000	100	90 - 110	P	07/22/2025	13:00	LB136571
	Manganese	2530	2500	101	90 - 110	P	07/22/2025	13:00	LB136571
	Nickel	2490	2500	100	90 - 110	P	07/22/2025	13:00	LB136571
	Potassium	24900	25000	100	90 - 110	P	07/22/2025	13:00	LB136571
	Selenium	5030	5000	101	90 - 110	P	07/22/2025	13:00	LB136571
	Silver	1260	1250	100	90 - 110	P	07/22/2025	13:00	LB136571
	Sodium	24500	25000	98	90 - 110	P	07/22/2025	13:00	LB136571
	Thallium	5170	5000	103	90 - 110	P	07/22/2025	13:00	LB136571
	Vanadium	2500	2500	100	90 - 110	P	07/22/2025	13:00	LB136571
	Zinc	2530	2500	101	90 - 110	P	07/22/2025	13:00	LB136571
CCV02	Aluminum	10100	10000	101	90 - 110	P	07/22/2025	14:05	LB136571
	Antimony	5150	5000	103	90 - 110	P	07/22/2025	14:05	LB136571
	Arsenic	5090	5000	102	90 - 110	P	07/22/2025	14:05	LB136571
	Barium	10500	10000	105	90 - 110	P	07/22/2025	14:05	LB136571
	Beryllium	250	250	100	90 - 110	P	07/22/2025	14:05	LB136571
	Cadmium	2490	2500	100	90 - 110	P	07/22/2025	14:05	LB136571
	Calcium	26000	25000	104	90 - 110	P	07/22/2025	14:05	LB136571
	Chromium	976	1000	98	90 - 110	P	07/22/2025	14:05	LB136571
	Cobalt	2510	2500	100	90 - 110	P	07/22/2025	14:05	LB136571
	Copper	1280	1250	102	90 - 110	P	07/22/2025	14:05	LB136571
	Iron	5020	5000	100	90 - 110	P	07/22/2025	14:05	LB136571
	Lead	4970	5000	99	90 - 110	P	07/22/2025	14:05	LB136571

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group
Contract: NOBI03
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2639
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24700	25000	99	90 - 110	P	07/22/2025	14:05	LB136571
	Manganese	2570	2500	103	90 - 110	P	07/22/2025	14:05	LB136571
	Nickel	2520	2500	101	90 - 110	P	07/22/2025	14:05	LB136571
	Potassium	25600	25000	102	90 - 110	P	07/22/2025	14:05	LB136571
	Selenium	5100	5000	102	90 - 110	P	07/22/2025	14:05	LB136571
	Silver	1280	1250	102	90 - 110	P	07/22/2025	14:05	LB136571
	Sodium	23100	25000	93	90 - 110	P	07/22/2025	14:05	LB136571
	Thallium	4810	5000	96	90 - 110	P	07/22/2025	14:05	LB136571
	Vanadium	2510	2500	100	90 - 110	P	07/22/2025	14:05	LB136571
	Zinc	2570	2500	103	90 - 110	P	07/22/2025	14:05	LB136571
CCV03	Aluminum	10500	10000	105	90 - 110	P	07/22/2025	15:20	LB136571
	Antimony	5250	5000	105	90 - 110	P	07/22/2025	15:20	LB136571
	Arsenic	5210	5000	104	90 - 110	P	07/22/2025	15:20	LB136571
	Barium	10600	10000	106	90 - 110	P	07/22/2025	15:20	LB136571
	Beryllium	262	250	105	90 - 110	P	07/22/2025	15:20	LB136571
	Cadmium	2560	2500	102	90 - 110	P	07/22/2025	15:20	LB136571
	Calcium	26800	25000	107	90 - 110	P	07/22/2025	15:20	LB136571
	Chromium	1010	1000	101	90 - 110	P	07/22/2025	15:20	LB136571
	Cobalt	2560	2500	103	90 - 110	P	07/22/2025	15:20	LB136571
	Copper	1310	1250	104	90 - 110	P	07/22/2025	15:20	LB136571
	Iron	5150	5000	103	90 - 110	P	07/22/2025	15:20	LB136571
	Lead	5110	5000	102	90 - 110	P	07/22/2025	15:20	LB136571
	Magnesium	25900	25000	104	90 - 110	P	07/22/2025	15:20	LB136571
	Manganese	2660	2500	107	90 - 110	P	07/22/2025	15:20	LB136571
	Nickel	2590	2500	103	90 - 110	P	07/22/2025	15:20	LB136571
	Potassium	25800	25000	103	90 - 110	P	07/22/2025	15:20	LB136571
	Selenium	5230	5000	104	90 - 110	P	07/22/2025	15:20	LB136571
	Silver	1310	1250	105	90 - 110	P	07/22/2025	15:20	LB136571
	Sodium	23600	25000	94	90 - 110	P	07/22/2025	15:20	LB136571
	Thallium	5070	5000	102	90 - 110	P	07/22/2025	15:20	LB136571
	Vanadium	2610	2500	104	90 - 110	P	07/22/2025	15:20	LB136571
	Zinc	2650	2500	106	90 - 110	P	07/22/2025	15:20	LB136571
CCV04	Aluminum	10500	10000	105	90 - 110	P	07/22/2025	16:13	LB136571
	Antimony	5280	5000	106	90 - 110	P	07/22/2025	16:13	LB136571

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5220	5000	104	90 - 110	P	07/22/2025	16:13	LB136571
	Barium	10800	10000	108	90 - 110	P	07/22/2025	16:13	LB136571
	Beryllium	257	250	103	90 - 110	P	07/22/2025	16:13	LB136571
	Cadmium	2560	2500	102	90 - 110	P	07/22/2025	16:13	LB136571
	Calcium	27000	25000	108	90 - 110	P	07/22/2025	16:13	LB136571
	Chromium	1010	1000	101	90 - 110	P	07/22/2025	16:13	LB136571
	Cobalt	2570	2500	103	90 - 110	P	07/22/2025	16:13	LB136571
	Copper	1310	1250	105	90 - 110	P	07/22/2025	16:13	LB136571
	Iron	5270	5000	105	90 - 110	P	07/22/2025	16:13	LB136571
	Lead	5100	5000	102	90 - 110	P	07/22/2025	16:13	LB136571
	Magnesium	25900	25000	104	90 - 110	P	07/22/2025	16:13	LB136571
	Manganese	2670	2500	107	90 - 110	P	07/22/2025	16:13	LB136571
	Nickel	2590	2500	104	90 - 110	P	07/22/2025	16:13	LB136571
	Potassium	26500	25000	106	90 - 110	P	07/22/2025	16:13	LB136571
	Selenium	5240	5000	105	90 - 110	P	07/22/2025	16:13	LB136571
	Silver	1320	1250	105	90 - 110	P	07/22/2025	16:13	LB136571
	Sodium	23800	25000	95	90 - 110	P	07/22/2025	16:13	LB136571
	Thallium	5150	5000	103	90 - 110	P	07/22/2025	16:13	LB136571
	Vanadium	2620	2500	105	90 - 110	P	07/22/2025	16:13	LB136571
	Zinc	2660	2500	106	90 - 110	P	07/22/2025	16:13	LB136571
CCV05	Aluminum	10400	10000	104	90 - 110	P	07/22/2025	17:14	LB136571
	Antimony	5210	5000	104	90 - 110	P	07/22/2025	17:14	LB136571
	Arsenic	5170	5000	104	90 - 110	P	07/22/2025	17:14	LB136571
	Barium	10700	10000	107	90 - 110	P	07/22/2025	17:14	LB136571
	Beryllium	263	250	105	90 - 110	P	07/22/2025	17:14	LB136571
	Cadmium	2560	2500	102	90 - 110	P	07/22/2025	17:14	LB136571
	Calcium	27100	25000	108	90 - 110	P	07/22/2025	17:14	LB136571
	Chromium	1020	1000	102	90 - 110	P	07/22/2025	17:14	LB136571
	Cobalt	2560	2500	103	90 - 110	P	07/22/2025	17:14	LB136571
	Copper	1300	1250	104	90 - 110	P	07/22/2025	17:14	LB136571
	Iron	5300	5000	106	90 - 110	P	07/22/2025	17:14	LB136571
	Lead	5120	5000	102	90 - 110	P	07/22/2025	17:14	LB136571
	Magnesium	26100	25000	104	90 - 110	P	07/22/2025	17:14	LB136571
	Manganese	2680	2500	107	90 - 110	P	07/22/2025	17:14	LB136571

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2590	2500	103	90 - 110	P	07/22/2025	17:14	LB136571
	Potassium	26000	25000	104	90 - 110	P	07/22/2025	17:14	LB136571
	Selenium	5180	5000	104	90 - 110	P	07/22/2025	17:14	LB136571
	Silver	1320	1250	106	90 - 110	P	07/22/2025	17:14	LB136571
	Sodium	23800	25000	95	90 - 110	P	07/22/2025	17:14	LB136571
	Thallium	5000	5000	100	90 - 110	P	07/22/2025	17:14	LB136571
	Vanadium	2610	2500	104	90 - 110	P	07/22/2025	17:14	LB136571
	Zinc	2650	2500	106	90 - 110	P	07/22/2025	17:14	LB136571
CCV06	Aluminum	10500	10000	105	90 - 110	P	07/22/2025	18:05	LB136571
	Antimony	5240	5000	105	90 - 110	P	07/22/2025	18:05	LB136571
	Arsenic	5170	5000	103	90 - 110	P	07/22/2025	18:05	LB136571
	Barium	10700	10000	107	90 - 110	P	07/22/2025	18:05	LB136571
	Beryllium	264	250	106	90 - 110	P	07/22/2025	18:05	LB136571
	Cadmium	2560	2500	102	90 - 110	P	07/22/2025	18:05	LB136571
	Calcium	27100	25000	108	90 - 110	P	07/22/2025	18:05	LB136571
	Chromium	1040	1000	104	90 - 110	P	07/22/2025	18:05	LB136571
	Cobalt	2570	2500	103	90 - 110	P	07/22/2025	18:05	LB136571
	Copper	1300	1250	104	90 - 110	P	07/22/2025	18:05	LB136571
	Iron	5390	5000	108	90 - 110	P	07/22/2025	18:05	LB136571
	Lead	5120	5000	102	90 - 110	P	07/22/2025	18:05	LB136571
	Magnesium	26400	25000	106	90 - 110	P	07/22/2025	18:05	LB136571
	Manganese	2700	2500	108	90 - 110	P	07/22/2025	18:05	LB136571
	Nickel	2590	2500	104	90 - 110	P	07/22/2025	18:05	LB136571
	Potassium	26300	25000	105	90 - 110	P	07/22/2025	18:05	LB136571
	Selenium	5170	5000	103	90 - 110	P	07/22/2025	18:05	LB136571
	Silver	1330	1250	107	90 - 110	P	07/22/2025	18:05	LB136571
	Sodium	24600	25000	98	90 - 110	P	07/22/2025	18:05	LB136571
	Thallium	4640	5000	93	90 - 110	P	07/22/2025	18:05	LB136571
	Vanadium	2630	2500	105	90 - 110	P	07/22/2025	18:05	LB136571
	Zinc	2690	2500	108	90 - 110	P	07/22/2025	18:05	LB136571
CCV07	Aluminum	10400	10000	104	90 - 110	P	07/22/2025	18:54	LB136571
	Antimony	5250	5000	105	90 - 110	P	07/22/2025	18:54	LB136571
	Arsenic	5190	5000	104	90 - 110	P	07/22/2025	18:54	LB136571
	Barium	10600	10000	106	90 - 110	P	07/22/2025	18:54	LB136571

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	267	250	107	90 - 110	P	07/22/2025	18:54	LB136571
	Cadmium	2570	2500	103	90 - 110	P	07/22/2025	18:54	LB136571
	Calcium	26900	25000	107	90 - 110	P	07/22/2025	18:54	LB136571
	Chromium	1010	1000	101	90 - 110	P	07/22/2025	18:54	LB136571
	Cobalt	2580	2500	103	90 - 110	P	07/22/2025	18:54	LB136571
	Copper	1310	1250	105	90 - 110	P	07/22/2025	18:54	LB136571
	Iron	5140	5000	103	90 - 110	P	07/22/2025	18:54	LB136571
	Lead	5130	5000	103	90 - 110	P	07/22/2025	18:54	LB136571
	Magnesium	26200	25000	105	90 - 110	P	07/22/2025	18:54	LB136571
	Manganese	2680	2500	107	90 - 110	P	07/22/2025	18:54	LB136571
	Nickel	2600	2500	104	90 - 110	P	07/22/2025	18:54	LB136571
	Potassium	25200	25000	101	90 - 110	P	07/22/2025	18:54	LB136571
	Selenium	5190	5000	104	90 - 110	P	07/22/2025	18:54	LB136571
	Silver	1320	1250	105	90 - 110	P	07/22/2025	18:54	LB136571
	Sodium	23300	25000	93	90 - 110	P	07/22/2025	18:54	LB136571
	Thallium	4570	5000	91	90 - 110	P	07/22/2025	18:54	LB136571
	Vanadium	2620	2500	105	90 - 110	P	07/22/2025	18:54	LB136571
	Zinc	2650	2500	106	90 - 110	P	07/22/2025	18:54	LB136571
CCV08	Aluminum	10600	10000	106	90 - 110	P	07/22/2025	19:19	LB136571
	Antimony	5340	5000	107	90 - 110	P	07/22/2025	19:19	LB136571
	Arsenic	5260	5000	105	90 - 110	P	07/22/2025	19:19	LB136571
	Barium	10800	10000	108	90 - 110	P	07/22/2025	19:19	LB136571
	Beryllium	270	250	108	90 - 110	P	07/22/2025	19:19	LB136571
	Cadmium	2580	2500	103	90 - 110	P	07/22/2025	19:19	LB136571
	Calcium	27200	25000	109	90 - 110	P	07/22/2025	19:19	LB136571
	Chromium	1050	1000	105	90 - 110	P	07/22/2025	19:19	LB136571
	Cobalt	2600	2500	104	90 - 110	P	07/22/2025	19:19	LB136571
	Copper	1320	1250	105	90 - 110	P	07/22/2025	19:19	LB136571
	Iron	5340	5000	107	90 - 110	P	07/22/2025	19:19	LB136571
	Lead	5150	5000	103	90 - 110	P	07/22/2025	19:19	LB136571
	Magnesium	26600	25000	106	90 - 110	P	07/22/2025	19:19	LB136571
	Manganese	2720	2500	109	90 - 110	P	07/22/2025	19:19	LB136571
	Nickel	2610	2500	104	90 - 110	P	07/22/2025	19:19	LB136571
	Potassium	25900	25000	104	90 - 110	P	07/22/2025	19:19	LB136571

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	5290	5000	106	90 - 110	P	07/22/2025	19:19	LB136571
	Silver	1330	1250	107	90 - 110	P	07/22/2025	19:19	LB136571
	Sodium	24500	25000	98	90 - 110	P	07/22/2025	19:19	LB136571
	Thallium	5010	5000	100	90 - 110	P	07/22/2025	19:19	LB136571
	Vanadium	2660	2500	106	90 - 110	P	07/22/2025	19:19	LB136571
	Zinc	2710	2500	108	90 - 110	P	07/22/2025	19:19	LB136571

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7880	8000	98	90 - 110	P	07/23/2025	12:57	LB136588
	Antimony	4090	4000	102	90 - 110	P	07/23/2025	12:57	LB136588
	Arsenic	3870	4000	97	90 - 110	P	07/23/2025	12:57	LB136588
	Barium	7950	8000	99	90 - 110	P	07/23/2025	12:57	LB136588
	Beryllium	200	200	100	90 - 110	P	07/23/2025	12:57	LB136588
	Cadmium	2010	2000	100	90 - 110	P	07/23/2025	12:57	LB136588
	Calcium	20000	20000	100	90 - 110	P	07/23/2025	12:57	LB136588
	Chromium	783	800	98	90 - 110	P	07/23/2025	12:57	LB136588
	Cobalt	1960	2000	98	90 - 110	P	07/23/2025	12:57	LB136588
	Copper	1010	1000	101	90 - 110	P	07/23/2025	12:57	LB136588
	Iron	4000	4000	100	90 - 110	P	07/23/2025	12:57	LB136588
	Lead	3970	4000	99	90 - 110	P	07/23/2025	12:57	LB136588
	Magnesium	19600	20000	98	90 - 110	P	07/23/2025	12:57	LB136588
	Manganese	2000	2000	100	90 - 110	P	07/23/2025	12:57	LB136588
	Nickel	1970	2000	98	90 - 110	P	07/23/2025	12:57	LB136588
	Potassium	19700	20000	99	90 - 110	P	07/23/2025	12:57	LB136588
	Selenium	3890	4000	97	90 - 110	P	07/23/2025	12:57	LB136588
	Silver	972	1000	97	90 - 110	P	07/23/2025	12:57	LB136588
	Sodium	19200	20000	96	90 - 110	P	07/23/2025	12:57	LB136588
	Thallium	3780	4000	94	90 - 110	P	07/23/2025	12:57	LB136588
	Vanadium	1970	2000	98	90 - 110	P	07/23/2025	12:57	LB136588
	Zinc	2010	2000	100	90 - 110	P	07/23/2025	12:57	LB136588

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	103	100	103	80 - 120	P	07/23/2025	13:02	LB136588
	Antimony	54.1	50.0	108	80 - 120	P	07/23/2025	13:02	LB136588
	Arsenic	19.7	20.0	99	80 - 120	P	07/23/2025	13:02	LB136588
	Barium	99.8	100	100	80 - 120	P	07/23/2025	13:02	LB136588
	Beryllium	6.33	6.0	106	80 - 120	P	07/23/2025	13:02	LB136588
	Cadmium	5.27	6.0	88	80 - 120	P	07/23/2025	13:02	LB136588
	Calcium	2110	2000	106	80 - 120	P	07/23/2025	13:02	LB136588
	Chromium	8.67	10.0	87	80 - 120	P	07/23/2025	13:02	LB136588
	Cobalt	29.0	30.0	97	80 - 120	P	07/23/2025	13:02	LB136588
	Copper	21.5	20.0	108	80 - 120	P	07/23/2025	13:02	LB136588
	Iron	113	100	112	80 - 120	P	07/23/2025	13:02	LB136588
	Lead	11.0	12.0	91	80 - 120	P	07/23/2025	13:02	LB136588
	Magnesium	2140	2000	107	80 - 120	P	07/23/2025	13:02	LB136588
	Manganese	22.2	20.0	111	80 - 120	P	07/23/2025	13:02	LB136588
	Nickel	40.9	40.0	102	80 - 120	P	07/23/2025	13:02	LB136588
	Potassium	2140	2000	107	80 - 120	P	07/23/2025	13:02	LB136588
	Selenium	16.9	20.0	84	80 - 120	P	07/23/2025	13:02	LB136588
	Silver	10.6	10.0	106	80 - 120	P	07/23/2025	13:02	LB136588
	Sodium	1860	2000	93	80 - 120	P	07/23/2025	13:02	LB136588
	Thallium	38.1	40.0	95	80 - 120	P	07/23/2025	13:02	LB136588
	Vanadium	38.5	40.0	96	80 - 120	P	07/23/2025	13:02	LB136588
	Zinc	43.0	40.0	108	80 - 120	P	07/23/2025	13:02	LB136588

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2639

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Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10100	10000	101	90 - 110	P	07/23/2025	13:42	LB136588
	Antimony	5100	5000	102	90 - 110	P	07/23/2025	13:42	LB136588
	Arsenic	5050	5000	101	90 - 110	P	07/23/2025	13:42	LB136588
	Barium	10200	10000	102	90 - 110	P	07/23/2025	13:42	LB136588
	Beryllium	265	250	106	90 - 110	P	07/23/2025	13:42	LB136588
	Cadmium	2470	2500	99	90 - 110	P	07/23/2025	13:42	LB136588
	Calcium	26000	25000	104	90 - 110	P	07/23/2025	13:42	LB136588
	Chromium	977	1000	98	90 - 110	P	07/23/2025	13:42	LB136588
	Cobalt	2490	2500	100	90 - 110	P	07/23/2025	13:42	LB136588
	Copper	1270	1250	101	90 - 110	P	07/23/2025	13:42	LB136588
	Iron	4930	5000	99	90 - 110	P	07/23/2025	13:42	LB136588
	Lead	4940	5000	99	90 - 110	P	07/23/2025	13:42	LB136588
	Magnesium	25000	25000	100	90 - 110	P	07/23/2025	13:42	LB136588
	Manganese	2570	2500	103	90 - 110	P	07/23/2025	13:42	LB136588
	Nickel	2500	2500	100	90 - 110	P	07/23/2025	13:42	LB136588
	Potassium	24800	25000	99	90 - 110	P	07/23/2025	13:42	LB136588
	Selenium	5080	5000	102	90 - 110	P	07/23/2025	13:42	LB136588
	Silver	1270	1250	102	90 - 110	P	07/23/2025	13:42	LB136588
	Sodium	23700	25000	95	90 - 110	P	07/23/2025	13:42	LB136588
	Thallium	5000	5000	100	90 - 110	P	07/23/2025	13:42	LB136588
	Vanadium	2520	2500	101	90 - 110	P	07/23/2025	13:42	LB136588
	Zinc	2550	2500	102	90 - 110	P	07/23/2025	13:42	LB136588
CCV02	Aluminum	10100	10000	101	90 - 110	P	07/23/2025	14:35	LB136588
	Antimony	5130	5000	103	90 - 110	P	07/23/2025	14:35	LB136588
	Arsenic	5130	5000	103	90 - 110	P	07/23/2025	14:35	LB136588
	Barium	10200	10000	102	90 - 110	P	07/23/2025	14:35	LB136588
	Beryllium	256	250	102	90 - 110	P	07/23/2025	14:35	LB136588
	Cadmium	2480	2500	99	90 - 110	P	07/23/2025	14:35	LB136588
	Calcium	25800	25000	103	90 - 110	P	07/23/2025	14:35	LB136588
	Chromium	973	1000	97	90 - 110	P	07/23/2025	14:35	LB136588
	Cobalt	2490	2500	100	90 - 110	P	07/23/2025	14:35	LB136588
	Copper	1280	1250	102	90 - 110	P	07/23/2025	14:35	LB136588
	Iron	5060	5000	101	90 - 110	P	07/23/2025	14:35	LB136588
	Lead	4940	5000	99	90 - 110	P	07/23/2025	14:35	LB136588

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24800	25000	99	90 - 110	P	07/23/2025	14:35	LB136588
	Manganese	2560	2500	102	90 - 110	P	07/23/2025	14:35	LB136588
	Nickel	2500	2500	100	90 - 110	P	07/23/2025	14:35	LB136588
	Potassium	25400	25000	102	90 - 110	P	07/23/2025	14:35	LB136588
	Selenium	5140	5000	103	90 - 110	P	07/23/2025	14:35	LB136588
	Silver	1270	1250	102	90 - 110	P	07/23/2025	14:35	LB136588
	Sodium	24300	25000	97	90 - 110	P	07/23/2025	14:35	LB136588
	Thallium	4980	5000	100	90 - 110	P	07/23/2025	14:35	LB136588
	Vanadium	2510	2500	100	90 - 110	P	07/23/2025	14:35	LB136588
	Zinc	2570	2500	103	90 - 110	P	07/23/2025	14:35	LB136588
CCV03	Aluminum	9870	10000	99	90 - 110	P	07/23/2025	15:57	LB136588
	Antimony	5060	5000	101	90 - 110	P	07/23/2025	15:57	LB136588
	Arsenic	4960	5000	99	90 - 110	P	07/23/2025	15:57	LB136588
	Barium	10300	10000	103	90 - 110	P	07/23/2025	15:57	LB136588
	Beryllium	252	250	101	90 - 110	P	07/23/2025	15:57	LB136588
	Cadmium	2400	2500	96	90 - 110	P	07/23/2025	15:57	LB136588
	Calcium	25400	25000	102	90 - 110	P	07/23/2025	15:57	LB136588
	Chromium	946	1000	95	90 - 110	P	07/23/2025	15:57	LB136588
	Cobalt	2420	2500	97	90 - 110	P	07/23/2025	15:57	LB136588
	Copper	1240	1250	100	90 - 110	P	07/23/2025	15:57	LB136588
	Iron	4990	5000	100	90 - 110	P	07/23/2025	15:57	LB136588
	Lead	4800	5000	96	90 - 110	P	07/23/2025	15:57	LB136588
	Magnesium	24200	25000	97	90 - 110	P	07/23/2025	15:57	LB136588
	Manganese	2510	2500	100	90 - 110	P	07/23/2025	15:57	LB136588
	Nickel	2440	2500	98	90 - 110	P	07/23/2025	15:57	LB136588
	Potassium	25100	25000	101	90 - 110	P	07/23/2025	15:57	LB136588
	Selenium	4970	5000	100	90 - 110	P	07/23/2025	15:57	LB136588
	Silver	1240	1250	99	90 - 110	P	07/23/2025	15:57	LB136588
	Sodium	23700	25000	95	90 - 110	P	07/23/2025	15:57	LB136588
	Thallium	4650	5000	93	90 - 110	P	07/23/2025	15:57	LB136588
	Vanadium	2470	2500	99	90 - 110	P	07/23/2025	15:57	LB136588
	Zinc	2520	2500	101	90 - 110	P	07/23/2025	15:57	LB136588
CCV04	Aluminum	9890	10000	99	90 - 110	P	07/23/2025	17:00	LB136588
	Antimony	4850	5000	97	90 - 110	P	07/23/2025	17:00	LB136588

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4860	5000	97	90 - 110	P	07/23/2025	17:00	LB136588
	Barium	10200	10000	102	90 - 110	P	07/23/2025	17:00	LB136588
	Beryllium	263	250	105	90 - 110	P	07/23/2025	17:00	LB136588
	Cadmium	2450	2500	98	90 - 110	P	07/23/2025	17:00	LB136588
	Calcium	25700	25000	103	90 - 110	P	07/23/2025	17:00	LB136588
	Chromium	975	1000	98	90 - 110	P	07/23/2025	17:00	LB136588
	Cobalt	2450	2500	98	90 - 110	P	07/23/2025	17:00	LB136588
	Copper	1240	1250	99	90 - 110	P	07/23/2025	17:00	LB136588
	Iron	4890	5000	98	90 - 110	P	07/23/2025	17:00	LB136588
	Lead	4860	5000	97	90 - 110	P	07/23/2025	17:00	LB136588
	Magnesium	24700	25000	99	90 - 110	P	07/23/2025	17:00	LB136588
	Manganese	2540	2500	101	90 - 110	P	07/23/2025	17:00	LB136588
	Nickel	2470	2500	99	90 - 110	P	07/23/2025	17:00	LB136588
	Potassium	24900	25000	100	90 - 110	P	07/23/2025	17:00	LB136588
	Selenium	4800	5000	96	90 - 110	P	07/23/2025	17:00	LB136588
	Silver	1240	1250	99	90 - 110	P	07/23/2025	17:00	LB136588
	Sodium	22600	25000	91	90 - 110	P	07/23/2025	17:00	LB136588
	Thallium	4620	5000	92	90 - 110	P	07/23/2025	17:00	LB136588
	Vanadium	2470	2500	99	90 - 110	P	07/23/2025	17:00	LB136588
	Zinc	2520	2500	101	90 - 110	P	07/23/2025	17:00	LB136588
CCV05	Aluminum	10100	10000	101	90 - 110	P	07/23/2025	17:49	LB136588
	Antimony	5070	5000	101	90 - 110	P	07/23/2025	17:49	LB136588
	Arsenic	5040	5000	101	90 - 110	P	07/23/2025	17:49	LB136588
	Barium	10300	10000	103	90 - 110	P	07/23/2025	17:49	LB136588
	Beryllium	267	250	107	90 - 110	P	07/23/2025	17:49	LB136588
	Cadmium	2480	2500	99	90 - 110	P	07/23/2025	17:49	LB136588
	Calcium	25700	25000	103	90 - 110	P	07/23/2025	17:49	LB136588
	Chromium	988	1000	99	90 - 110	P	07/23/2025	17:49	LB136588
	Cobalt	2490	2500	99	90 - 110	P	07/23/2025	17:49	LB136588
	Copper	1260	1250	101	90 - 110	P	07/23/2025	17:49	LB136588
	Iron	4940	5000	99	90 - 110	P	07/23/2025	17:49	LB136588
	Lead	4930	5000	98	90 - 110	P	07/23/2025	17:49	LB136588
	Magnesium	24900	25000	99	90 - 110	P	07/23/2025	17:49	LB136588
	Manganese	2570	2500	103	90 - 110	P	07/23/2025	17:49	LB136588

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2500	2500	100	90 - 110	P	07/23/2025	17:49	LB136588
	Potassium	25100	25000	100	90 - 110	P	07/23/2025	17:49	LB136588
	Selenium	5050	5000	101	90 - 110	P	07/23/2025	17:49	LB136588
	Silver	1270	1250	102	90 - 110	P	07/23/2025	17:49	LB136588
	Sodium	23400	25000	94	90 - 110	P	07/23/2025	17:49	LB136588
	Thallium	4930	5000	98	90 - 110	P	07/23/2025	17:49	LB136588
	Vanadium	2520	2500	101	90 - 110	P	07/23/2025	17:49	LB136588
	Zinc	2570	2500	103	90 - 110	P	07/23/2025	17:49	LB136588
CCV06	Aluminum	9980	10000	100	90 - 110	P	07/23/2025	18:43	LB136588
	Antimony	5080	5000	102	90 - 110	P	07/23/2025	18:43	LB136588
	Arsenic	5040	5000	101	90 - 110	P	07/23/2025	18:43	LB136588
	Barium	10200	10000	102	90 - 110	P	07/23/2025	18:43	LB136588
	Beryllium	254	250	102	90 - 110	P	07/23/2025	18:43	LB136588
	Cadmium	2460	2500	98	90 - 110	P	07/23/2025	18:43	LB136588
	Calcium	25300	25000	101	90 - 110	P	07/23/2025	18:43	LB136588
	Chromium	979	1000	98	90 - 110	P	07/23/2025	18:43	LB136588
	Cobalt	2470	2500	99	90 - 110	P	07/23/2025	18:43	LB136588
	Copper	1260	1250	101	90 - 110	P	07/23/2025	18:43	LB136588
	Iron	5070	5000	101	90 - 110	P	07/23/2025	18:43	LB136588
	Lead	4880	5000	98	90 - 110	P	07/23/2025	18:43	LB136588
	Magnesium	24700	25000	99	90 - 110	P	07/23/2025	18:43	LB136588
	Manganese	2540	2500	102	90 - 110	P	07/23/2025	18:43	LB136588
	Nickel	2480	2500	99	90 - 110	P	07/23/2025	18:43	LB136588
	Potassium	25200	25000	101	90 - 110	P	07/23/2025	18:43	LB136588
	Selenium	5050	5000	101	90 - 110	P	07/23/2025	18:43	LB136588
	Silver	1260	1250	101	90 - 110	P	07/23/2025	18:43	LB136588
	Sodium	23900	25000	95	90 - 110	P	07/23/2025	18:43	LB136588
	Thallium	4640	5000	93	90 - 110	P	07/23/2025	18:43	LB136588
	Vanadium	2510	2500	100	90 - 110	P	07/23/2025	18:43	LB136588
	Zinc	2540	2500	102	90 - 110	P	07/23/2025	18:43	LB136588
CCV07	Aluminum	9880	10000	99	90 - 110	P	07/23/2025	19:38	LB136588
	Antimony	5000	5000	100	90 - 110	P	07/23/2025	19:38	LB136588
	Arsenic	4940	5000	99	90 - 110	P	07/23/2025	19:38	LB136588
	Barium	9930	10000	99	90 - 110	P	07/23/2025	19:38	LB136588

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group
Contract: NOBI03
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2639
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	252	250	101	90 - 110	P	07/23/2025	19:38	LB136588
	Cadmium	2420	2500	97	90 - 110	P	07/23/2025	19:38	LB136588
	Calcium	25100	25000	100	90 - 110	P	07/23/2025	19:38	LB136588
	Chromium	969	1000	97	90 - 110	P	07/23/2025	19:38	LB136588
	Cobalt	2440	2500	98	90 - 110	P	07/23/2025	19:38	LB136588
	Copper	1240	1250	99	90 - 110	P	07/23/2025	19:38	LB136588
	Iron	4900	5000	98	90 - 110	P	07/23/2025	19:38	LB136588
	Lead	4820	5000	96	90 - 110	P	07/23/2025	19:38	LB136588
	Magnesium	24500	25000	98	90 - 110	P	07/23/2025	19:38	LB136588
	Manganese	2510	2500	100	90 - 110	P	07/23/2025	19:38	LB136588
	Nickel	2440	2500	98	90 - 110	P	07/23/2025	19:38	LB136588
	Potassium	25200	25000	101	90 - 110	P	07/23/2025	19:38	LB136588
	Selenium	4970	5000	99	90 - 110	P	07/23/2025	19:38	LB136588
	Silver	1240	1250	99	90 - 110	P	07/23/2025	19:38	LB136588
	Sodium	22600	25000	90	90 - 110	P	07/23/2025	19:38	LB136588
	Thallium	4870	5000	97	90 - 110	P	07/23/2025	19:38	LB136588
	Vanadium	2480	2500	99	90 - 110	P	07/23/2025	19:38	LB136588
	Zinc	2510	2500	100	90 - 110	P	07/23/2025	19:38	LB136588
CCV08	Aluminum	9780	10000	98	90 - 110	P	07/23/2025	19:55	LB136588
	Antimony	5000	5000	100	90 - 110	P	07/23/2025	19:55	LB136588
	Arsenic	4940	5000	99	90 - 110	P	07/23/2025	19:55	LB136588
	Barium	10000	10000	100	90 - 110	P	07/23/2025	19:55	LB136588
	Beryllium	249	250	100	90 - 110	P	07/23/2025	19:55	LB136588
	Cadmium	2400	2500	96	90 - 110	P	07/23/2025	19:55	LB136588
	Calcium	24700	25000	99	90 - 110	P	07/23/2025	19:55	LB136588
	Chromium	963	1000	96	90 - 110	P	07/23/2025	19:55	LB136588
	Cobalt	2430	2500	97	90 - 110	P	07/23/2025	19:55	LB136588
	Copper	1230	1250	98	90 - 110	P	07/23/2025	19:55	LB136588
	Iron	4890	5000	98	90 - 110	P	07/23/2025	19:55	LB136588
	Lead	4810	5000	96	90 - 110	P	07/23/2025	19:55	LB136588
	Magnesium	24300	25000	97	90 - 110	P	07/23/2025	19:55	LB136588
	Manganese	2480	2500	99	90 - 110	P	07/23/2025	19:55	LB136588
	Nickel	2430	2500	97	90 - 110	P	07/23/2025	19:55	LB136588
	Potassium	24700	25000	99	90 - 110	P	07/23/2025	19:55	LB136588

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4960	5000	99	90 - 110	P	07/23/2025	19:55	LB136588
	Silver	1240	1250	99	90 - 110	P	07/23/2025	19:55	LB136588
	Sodium	22800	25000	91	90 - 110	P	07/23/2025	19:55	LB136588
	Thallium	4560	5000	91	90 - 110	P	07/23/2025	19:55	LB136588
	Vanadium	2470	2500	99	90 - 110	P	07/23/2025	19:55	LB136588
	Zinc	2490	2500	100	90 - 110	P	07/23/2025	19:55	LB136588

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Nobis Group **SDG No.:** Q2639
Contract: NOBI03 **Lab Code:** ACE
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	102	100	102	65 - 135	P	07/22/2025	12:32	LB136571
	Antimony	54.5	50.0	109	65 - 135	P	07/22/2025	12:32	LB136571
	Arsenic	20.5	20.0	103	65 - 135	P	07/22/2025	12:32	LB136571
	Barium	99.5	100	100	65 - 135	P	07/22/2025	12:32	LB136571
	Beryllium	6.00	6.0	100	65 - 135	P	07/22/2025	12:32	LB136571
	Cadmium	5.65	6.0	94	65 - 135	P	07/22/2025	12:32	LB136571
	Calcium	2100	2000	105	65 - 135	P	07/22/2025	12:32	LB136571
	Chromium	10.5	10.0	106	65 - 135	P	07/22/2025	12:32	LB136571
	Cobalt	29.6	30.0	99	65 - 135	P	07/22/2025	12:32	LB136571
	Copper	21.6	20.0	108	65 - 135	P	07/22/2025	12:32	LB136571
	Iron	108	100	108	65 - 135	P	07/22/2025	12:32	LB136571
	Lead	12.4	12.0	103	65 - 135	P	07/22/2025	12:32	LB136571
	Magnesium	2170	2000	109	65 - 135	P	07/22/2025	12:32	LB136571
	Manganese	22.5	20.0	113	65 - 135	P	07/22/2025	12:32	LB136571
	Nickel	41.2	40.0	103	65 - 135	P	07/22/2025	12:32	LB136571
	Potassium	2030	2000	102	65 - 135	P	07/22/2025	12:32	LB136571
	Selenium	21.2	20.0	106	65 - 135	P	07/22/2025	12:32	LB136571
	Silver	9.69	10.0	97	65 - 135	P	07/22/2025	12:32	LB136571
	Sodium	1770	2000	88	65 - 135	P	07/22/2025	12:32	LB136571
	Thallium	39.6	40.0	99	65 - 135	P	07/22/2025	12:32	LB136571
	Vanadium	35.2	40.0	88	65 - 135	P	07/22/2025	12:32	LB136571
	Zinc	43.8	40.0	110	65 - 135	P	07/22/2025	12:32	LB136571
CRI01	Aluminum	111	100	111	65 - 135	P	07/23/2025	14:53	LB136588
	Antimony	48.7	50.0	98	65 - 135	P	07/23/2025	14:53	LB136588
	Arsenic	23.1	20.0	116	65 - 135	P	07/23/2025	14:53	LB136588
	Barium	104	100	104	65 - 135	P	07/23/2025	14:53	LB136588
	Beryllium	6.32	6.0	105	65 - 135	P	07/23/2025	14:53	LB136588
	Cadmium	5.67	6.0	94	65 - 135	P	07/23/2025	14:53	LB136588
	Calcium	2110	2000	106	65 - 135	P	07/23/2025	14:53	LB136588
	Chromium	9.46	10.0	95	65 - 135	P	07/23/2025	14:53	LB136588
	Cobalt	29.5	30.0	98	65 - 135	P	07/23/2025	14:53	LB136588
	Copper	21.6	20.0	108	65 - 135	P	07/23/2025	14:53	LB136588
	Iron	101	100	101	65 - 135	P	07/23/2025	14:53	LB136588
	Lead	11.3	12.0	94	65 - 135	P	07/23/2025	14:53	LB136588
	Magnesium	2090	2000	104	65 - 135	P	07/23/2025	14:53	LB136588
	Manganese	21.1	20.0	106	65 - 135	P	07/23/2025	14:53	LB136588

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Nickel	39.9	40.0	100	65 - 135	P	07/23/2025	14:53	LB136588
	Potassium	2170	2000	109	65 - 135	P	07/23/2025	14:53	LB136588
	Selenium	15.8	20.0	79	65 - 135	P	07/23/2025	14:53	LB136588
	Silver	10.9	10.0	109	65 - 135	P	07/23/2025	14:53	LB136588
	Sodium	1970	2000	98	65 - 135	P	07/23/2025	14:53	LB136588
	Thallium	35.7	40.0	89	65 - 135	P	07/23/2025	14:53	LB136588
	Vanadium	38.4	40.0	96	65 - 135	P	07/23/2025	14:53	LB136588
	Zinc	42.1	40.0	105	65 - 135	P	07/23/2025	14:53	LB136588
CRA	Mercury	0.23	0.2	116	70 - 130	CV	07/25/2025	11:46	LB136613



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB39	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	07/25/2025	11:15	LB136613

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB47	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	07/25/2025	11:19	LB136613
CCB48	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	07/25/2025	12:14	LB136613
CCB49	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	07/25/2025	12:42	LB136613
CCB50	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	07/25/2025	12:56	LB136613

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	80.0	100	P	07/22/2025	12:27	LB136571
	Antimony	6.76	+/-25	U	12.5	50.0	P	07/22/2025	12:27	LB136571
	Arsenic	5.12	+/-10	U	15.0	20.0	P	07/22/2025	12:27	LB136571
	Barium	14.6	+/-50	U	25.0	100	P	07/22/2025	12:27	LB136571
	Beryllium	0.56	+/-3	U	1.50	6.00	P	07/22/2025	12:27	LB136571
	Cadmium	0.50	+/-3	U	1.50	6.00	P	07/22/2025	12:27	LB136571
	Calcium	234	+/-1000	U	500	2000	P	07/22/2025	12:27	LB136571
	Chromium	2.12	+/-5	U	5.00	10.0	P	07/22/2025	12:27	LB136571
	Cobalt	2.26	+/-15	U	7.50	30.0	P	07/22/2025	12:27	LB136571
	Copper	4.60	+/-10	U	16.0	20.0	P	07/22/2025	12:27	LB136571
	Iron	23.4	+/-50	U	80.0	100	P	07/22/2025	12:27	LB136571
	Lead	2.30	+/-6	U	9.60	12.0	P	07/22/2025	12:27	LB136571
	Magnesium	244	+/-1000	U	500	2000	P	07/22/2025	12:27	LB136571
	Manganese	5.94	+/-10	U	15.0	20.0	P	07/22/2025	12:27	LB136571
	Nickel	3.06	+/-20	U	10.0	40.0	P	07/22/2025	12:27	LB136571
	Potassium	918	+/-1000	U	1600	2000	P	07/22/2025	12:27	LB136571
	Selenium	9.64	+/-10	U	16.0	20.0	P	07/22/2025	12:27	LB136571
	Silver	1.62	+/-5	U	5.00	10.0	P	07/22/2025	12:27	LB136571
	Sodium	868	+/-1000	U	1000	2000	P	07/22/2025	12:27	LB136571
	Thallium	4.38	+/-20	U	20.0	40.0	P	07/22/2025	12:27	LB136571
	Vanadium	6.26	+/-20	U	20.0	40.0	P	07/22/2025	12:27	LB136571
	Zinc	16.7	+/-20	U	15.0	40.0	P	07/22/2025	12:27	LB136571

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	80.0	100	P	07/22/2025	13:05	LB136571
	Antimony	6.76	+/-25	U	12.5	50.0	P	07/22/2025	13:05	LB136571
	Arsenic	5.12	+/-10	U	15.0	20.0	P	07/22/2025	13:05	LB136571
	Barium	14.6	+/-50	U	25.0	100	P	07/22/2025	13:05	LB136571
	Beryllium	0.56	+/-3	U	1.50	6.00	P	07/22/2025	13:05	LB136571
	Cadmium	0.50	+/-3	U	1.50	6.00	P	07/22/2025	13:05	LB136571
	Calcium	234	+/-1000	U	500	2000	P	07/22/2025	13:05	LB136571
	Chromium	2.12	+/-5	U	5.00	10.0	P	07/22/2025	13:05	LB136571
	Cobalt	2.26	+/-15	U	7.50	30.0	P	07/22/2025	13:05	LB136571
	Copper	4.60	+/-10	U	16.0	20.0	P	07/22/2025	13:05	LB136571
	Iron	23.4	+/-50	U	80.0	100	P	07/22/2025	13:05	LB136571
	Lead	2.30	+/-6	U	9.60	12.0	P	07/22/2025	13:05	LB136571
	Magnesium	244	+/-1000	U	500	2000	P	07/22/2025	13:05	LB136571
	Manganese	5.94	+/-10	U	15.0	20.0	P	07/22/2025	13:05	LB136571
	Nickel	3.06	+/-20	U	10.0	40.0	P	07/22/2025	13:05	LB136571
	Potassium	918	+/-1000	U	1600	2000	P	07/22/2025	13:05	LB136571
	Selenium	9.64	+/-10	U	16.0	20.0	P	07/22/2025	13:05	LB136571
	Silver	1.62	+/-5	U	5.00	10.0	P	07/22/2025	13:05	LB136571
	Sodium	868	+/-1000	U	1000	2000	P	07/22/2025	13:05	LB136571
	Thallium	4.38	+/-20	U	20.0	40.0	P	07/22/2025	13:05	LB136571
	Vanadium	6.26	+/-20	U	20.0	40.0	P	07/22/2025	13:05	LB136571
	Zinc	16.7	+/-20	U	15.0	40.0	P	07/22/2025	13:05	LB136571
CCB02	Aluminum	11.3	+/-50	U	80.0	100	P	07/22/2025	14:09	LB136571
	Antimony	6.76	+/-25	U	12.5	50.0	P	07/22/2025	14:09	LB136571
	Arsenic	5.12	+/-10	U	15.0	20.0	P	07/22/2025	14:09	LB136571
	Barium	14.6	+/-50	U	25.0	100	P	07/22/2025	14:09	LB136571
	Beryllium	0.56	+/-3	U	1.50	6.00	P	07/22/2025	14:09	LB136571
	Cadmium	0.50	+/-3	U	1.50	6.00	P	07/22/2025	14:09	LB136571
	Calcium	234	+/-1000	U	500	2000	P	07/22/2025	14:09	LB136571
	Chromium	2.12	+/-5	U	5.00	10.0	P	07/22/2025	14:09	LB136571
	Cobalt	2.26	+/-15	U	7.50	30.0	P	07/22/2025	14:09	LB136571
	Copper	4.60	+/-10	U	16.0	20.0	P	07/22/2025	14:09	LB136571
	Iron	23.4	+/-50	U	80.0	100	P	07/22/2025	14:09	LB136571
	Lead	2.30	+/-6	U	9.60	12.0	P	07/22/2025	14:09	LB136571
	Magnesium	244	+/-1000	U	500	2000	P	07/22/2025	14:09	LB136571
	Manganese	5.94	+/-10	U	15.0	20.0	P	07/22/2025	14:09	LB136571
	Nickel	3.06	+/-20	U	10.0	40.0	P	07/22/2025	14:09	LB136571
	Potassium	918	+/-1000	U	1600	2000	P	07/22/2025	14:09	LB136571
	Selenium	9.64	+/-10	U	16.0	20.0	P	07/22/2025	14:09	LB136571

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	5.00	10.0	P	07/22/2025	14:09	LB136571
	Sodium	868	+/-1000	U	1000	2000	P	07/22/2025	14:09	LB136571
	Thallium	4.38	+/-20	U	20.0	40.0	P	07/22/2025	14:09	LB136571
	Vanadium	6.26	+/-20	U	20.0	40.0	P	07/22/2025	14:09	LB136571
	Zinc	16.7	+/-20	U	15.0	40.0	P	07/22/2025	14:09	LB136571
CCB03	Aluminum	11.3	+/-50	U	80.0	100	P	07/22/2025	15:26	LB136571
	Antimony	6.76	+/-25	U	12.5	50.0	P	07/22/2025	15:26	LB136571
	Arsenic	5.12	+/-10	U	15.0	20.0	P	07/22/2025	15:26	LB136571
	Barium	14.6	+/-50	U	25.0	100	P	07/22/2025	15:26	LB136571
	Beryllium	0.56	+/-3	U	1.50	6.00	P	07/22/2025	15:26	LB136571
	Cadmium	0.50	+/-3	U	1.50	6.00	P	07/22/2025	15:26	LB136571
	Calcium	234	+/-1000	U	500	2000	P	07/22/2025	15:26	LB136571
	Chromium	2.12	+/-5	U	5.00	10.0	P	07/22/2025	15:26	LB136571
	Cobalt	2.26	+/-15	U	7.50	30.0	P	07/22/2025	15:26	LB136571
	Copper	4.60	+/-10	U	16.0	20.0	P	07/22/2025	15:26	LB136571
	Iron	23.4	+/-50	U	80.0	100	P	07/22/2025	15:26	LB136571
	Lead	2.30	+/-6	U	9.60	12.0	P	07/22/2025	15:26	LB136571
	Magnesium	244	+/-1000	U	500	2000	P	07/22/2025	15:26	LB136571
	Manganese	5.94	+/-10	U	15.0	20.0	P	07/22/2025	15:26	LB136571
	Nickel	3.06	+/-20	U	10.0	40.0	P	07/22/2025	15:26	LB136571
	Potassium	918	+/-1000	U	1600	2000	P	07/22/2025	15:26	LB136571
	Selenium	9.64	+/-10	U	16.0	20.0	P	07/22/2025	15:26	LB136571
	Silver	1.62	+/-5	U	5.00	10.0	P	07/22/2025	15:26	LB136571
	Sodium	868	+/-1000	U	1000	2000	P	07/22/2025	15:26	LB136571
	Thallium	4.38	+/-20	U	20.0	40.0	P	07/22/2025	15:26	LB136571
	Vanadium	6.26	+/-20	U	20.0	40.0	P	07/22/2025	15:26	LB136571
	Zinc	16.7	+/-20	U	15.0	40.0	P	07/22/2025	15:26	LB136571
CCB04	Aluminum	11.3	+/-50	U	80.0	100	P	07/22/2025	16:17	LB136571
	Antimony	6.76	+/-25	U	12.5	50.0	P	07/22/2025	16:17	LB136571
	Arsenic	5.12	+/-10	U	15.0	20.0	P	07/22/2025	16:17	LB136571
	Barium	14.6	+/-50	U	25.0	100	P	07/22/2025	16:17	LB136571
	Beryllium	0.56	+/-3	U	1.50	6.00	P	07/22/2025	16:17	LB136571
	Cadmium	0.50	+/-3	U	1.50	6.00	P	07/22/2025	16:17	LB136571
	Calcium	234	+/-1000	U	500	2000	P	07/22/2025	16:17	LB136571
	Chromium	2.12	+/-5	U	5.00	10.0	P	07/22/2025	16:17	LB136571
	Cobalt	2.26	+/-15	U	7.50	30.0	P	07/22/2025	16:17	LB136571
	Copper	4.60	+/-10	U	16.0	20.0	P	07/22/2025	16:17	LB136571
	Iron	23.4	+/-50	U	80.0	100	P	07/22/2025	16:17	LB136571
	Lead	2.30	+/-6	U	9.60	12.0	P	07/22/2025	16:17	LB136571

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group **SDG No.:** Q2639
Contract: NOBI03 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	500	2000	P	07/22/2025	16:17	LB136571
	Manganese	5.94	+/-10	U	15.0	20.0	P	07/22/2025	16:17	LB136571
	Nickel	3.06	+/-20	U	10.0	40.0	P	07/22/2025	16:17	LB136571
	Potassium	918	+/-1000	U	1600	2000	P	07/22/2025	16:17	LB136571
	Selenium	9.64	+/-10	U	16.0	20.0	P	07/22/2025	16:17	LB136571
	Silver	1.62	+/-5	U	5.00	10.0	P	07/22/2025	16:17	LB136571
	Sodium	868	+/-1000	U	1000	2000	P	07/22/2025	16:17	LB136571
	Thallium	4.38	+/-20	U	20.0	40.0	P	07/22/2025	16:17	LB136571
	Vanadium	6.26	+/-20	U	20.0	40.0	P	07/22/2025	16:17	LB136571
	Zinc	16.7	+/-20	U	15.0	40.0	P	07/22/2025	16:17	LB136571
CCB05	Aluminum	11.3	+/-50	U	80.0	100	P	07/22/2025	17:18	LB136571
	Antimony	6.76	+/-25	U	12.5	50.0	P	07/22/2025	17:18	LB136571
	Arsenic	5.12	+/-10	U	15.0	20.0	P	07/22/2025	17:18	LB136571
	Barium	14.6	+/-50	U	25.0	100	P	07/22/2025	17:18	LB136571
	Beryllium	0.56	+/-3	U	1.50	6.00	P	07/22/2025	17:18	LB136571
	Cadmium	0.50	+/-3	U	1.50	6.00	P	07/22/2025	17:18	LB136571
	Calcium	234	+/-1000	U	500	2000	P	07/22/2025	17:18	LB136571
	Chromium	2.12	+/-5	U	5.00	10.0	P	07/22/2025	17:18	LB136571
	Cobalt	2.26	+/-15	U	7.50	30.0	P	07/22/2025	17:18	LB136571
	Copper	4.60	+/-10	U	16.0	20.0	P	07/22/2025	17:18	LB136571
	Iron	23.4	+/-50	U	80.0	100	P	07/22/2025	17:18	LB136571
	Lead	2.30	+/-6	U	9.60	12.0	P	07/22/2025	17:18	LB136571
	Magnesium	244	+/-1000	U	500	2000	P	07/22/2025	17:18	LB136571
	Manganese	5.94	+/-10	U	15.0	20.0	P	07/22/2025	17:18	LB136571
	Nickel	3.06	+/-20	U	10.0	40.0	P	07/22/2025	17:18	LB136571
	Potassium	918	+/-1000	U	1600	2000	P	07/22/2025	17:18	LB136571
	Selenium	9.64	+/-10	U	16.0	20.0	P	07/22/2025	17:18	LB136571
	Silver	1.62	+/-5	U	5.00	10.0	P	07/22/2025	17:18	LB136571
	Sodium	868	+/-1000	U	1000	2000	P	07/22/2025	17:18	LB136571
	Thallium	4.38	+/-20	U	20.0	40.0	P	07/22/2025	17:18	LB136571
CCB06	Vanadium	6.26	+/-20	U	20.0	40.0	P	07/22/2025	17:18	LB136571
	Zinc	16.7	+/-20	U	15.0	40.0	P	07/22/2025	17:18	LB136571
	Aluminum	11.3	+/-50	U	80.0	100	P	07/22/2025	18:09	LB136571
	Antimony	6.76	+/-25	U	12.5	50.0	P	07/22/2025	18:09	LB136571
	Arsenic	5.12	+/-10	U	15.0	20.0	P	07/22/2025	18:09	LB136571
	Barium	14.6	+/-50	U	25.0	100	P	07/22/2025	18:09	LB136571
	Beryllium	0.56	+/-3	U	1.50	6.00	P	07/22/2025	18:09	LB136571
	Cadmium	0.50	+/-3	U	1.50	6.00	P	07/22/2025	18:09	LB136571
	Calcium	234	+/-1000	U	500	2000	P	07/22/2025	18:09	LB136571

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	5.00	10.0	P	07/22/2025	18:09	LB136571
	Cobalt	2.26	+/-15	U	7.50	30.0	P	07/22/2025	18:09	LB136571
	Copper	4.60	+/-10	U	16.0	20.0	P	07/22/2025	18:09	LB136571
	Iron	23.4	+/-50	U	80.0	100	P	07/22/2025	18:09	LB136571
	Lead	2.30	+/-6	U	9.60	12.0	P	07/22/2025	18:09	LB136571
	Magnesium	244	+/-1000	U	500	2000	P	07/22/2025	18:09	LB136571
	Manganese	5.94	+/-10	U	15.0	20.0	P	07/22/2025	18:09	LB136571
	Nickel	3.06	+/-20	U	10.0	40.0	P	07/22/2025	18:09	LB136571
	Potassium	918	+/-1000	U	1600	2000	P	07/22/2025	18:09	LB136571
	Selenium	9.64	+/-10	U	16.0	20.0	P	07/22/2025	18:09	LB136571
	Silver	1.62	+/-5	U	5.00	10.0	P	07/22/2025	18:09	LB136571
	Sodium	868	+/-1000	U	1000	2000	P	07/22/2025	18:09	LB136571
	Thallium	4.38	+/-20	U	20.0	40.0	P	07/22/2025	18:09	LB136571
	Vanadium	6.26	+/-20	U	20.0	40.0	P	07/22/2025	18:09	LB136571
	Zinc	16.7	+/-20	U	15.0	40.0	P	07/22/2025	18:09	LB136571
CCB07	Aluminum	11.3	+/-50	U	80.0	100	P	07/22/2025	18:58	LB136571
	Antimony	6.76	+/-25	U	12.5	50.0	P	07/22/2025	18:58	LB136571
	Arsenic	5.12	+/-10	U	15.0	20.0	P	07/22/2025	18:58	LB136571
	Barium	14.6	+/-50	U	25.0	100	P	07/22/2025	18:58	LB136571
	Beryllium	0.56	+/-3	U	1.50	6.00	P	07/22/2025	18:58	LB136571
	Cadmium	0.50	+/-3	U	1.50	6.00	P	07/22/2025	18:58	LB136571
	Calcium	234	+/-1000	U	500	2000	P	07/22/2025	18:58	LB136571
	Chromium	2.12	+/-5	U	5.00	10.0	P	07/22/2025	18:58	LB136571
	Cobalt	2.26	+/-15	U	7.50	30.0	P	07/22/2025	18:58	LB136571
	Copper	4.60	+/-10	U	16.0	20.0	P	07/22/2025	18:58	LB136571
	Iron	25.2	+/-50	J	80.0	100	P	07/22/2025	18:58	LB136571
	Lead	2.30	+/-6	U	9.60	12.0	P	07/22/2025	18:58	LB136571
	Magnesium	244	+/-1000	U	500	2000	P	07/22/2025	18:58	LB136571
	Manganese	5.94	+/-10	U	15.0	20.0	P	07/22/2025	18:58	LB136571
	Nickel	3.06	+/-20	U	10.0	40.0	P	07/22/2025	18:58	LB136571
	Potassium	918	+/-1000	U	1600	2000	P	07/22/2025	18:58	LB136571
	Selenium	9.64	+/-10	U	16.0	20.0	P	07/22/2025	18:58	LB136571
	Silver	1.62	+/-5	U	5.00	10.0	P	07/22/2025	18:58	LB136571
	Sodium	868	+/-1000	U	1000	2000	P	07/22/2025	18:58	LB136571
	Thallium	4.38	+/-20	U	20.0	40.0	P	07/22/2025	18:58	LB136571
	Vanadium	6.26	+/-20	U	20.0	40.0	P	07/22/2025	18:58	LB136571
	Zinc	17.9	+/-20	J	15.0	40.0	P	07/22/2025	18:58	LB136571
CCB08	Aluminum	11.3	+/-50	U	80.0	100	P	07/22/2025	19:23	LB136571
	Antimony	6.76	+/-25	U	12.5	50.0	P	07/22/2025	19:23	LB136571

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	15.0	20.0	P	07/22/2025	19:23	LB136571
	Barium	14.6	+/-50	U	25.0	100	P	07/22/2025	19:23	LB136571
	Beryllium	0.56	+/-3	U	1.50	6.00	P	07/22/2025	19:23	LB136571
	Cadmium	0.50	+/-3	U	1.50	6.00	P	07/22/2025	19:23	LB136571
	Calcium	234	+/-1000	U	500	2000	P	07/22/2025	19:23	LB136571
	Chromium	2.12	+/-5	U	5.00	10.0	P	07/22/2025	19:23	LB136571
	Cobalt	2.26	+/-15	U	7.50	30.0	P	07/22/2025	19:23	LB136571
	Copper	4.60	+/-10	U	16.0	20.0	P	07/22/2025	19:23	LB136571
	Iron	23.4	+/-50	U	80.0	100	P	07/22/2025	19:23	LB136571
	Lead	2.30	+/-6	U	9.60	12.0	P	07/22/2025	19:23	LB136571
	Magnesium	244	+/-1000	U	500	2000	P	07/22/2025	19:23	LB136571
	Manganese	5.94	+/-10	U	15.0	20.0	P	07/22/2025	19:23	LB136571
	Nickel	3.06	+/-20	U	10.0	40.0	P	07/22/2025	19:23	LB136571
	Potassium	918	+/-1000	U	1600	2000	P	07/22/2025	19:23	LB136571
	Selenium	9.64	+/-10	U	16.0	20.0	P	07/22/2025	19:23	LB136571
	Silver	1.62	+/-5	U	5.00	10.0	P	07/22/2025	19:23	LB136571
	Sodium	868	+/-1000	U	1000	2000	P	07/22/2025	19:23	LB136571
	Thallium	4.38	+/-20	U	20.0	40.0	P	07/22/2025	19:23	LB136571
	Vanadium	6.26	+/-20	U	20.0	40.0	P	07/22/2025	19:23	LB136571
	Zinc	16.7	+/-20	U	15.0	40.0	P	07/22/2025	19:23	LB136571

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	80.0	100	P	07/23/2025	13:16	LB136588
	Antimony	6.76	+/-25	U	12.5	50.0	P	07/23/2025	13:16	LB136588
	Arsenic	5.12	+/-10	U	15.0	20.0	P	07/23/2025	13:16	LB136588
	Barium	14.6	+/-50	U	25.0	100	P	07/23/2025	13:16	LB136588
	Beryllium	0.56	+/-3	U	1.50	6.00	P	07/23/2025	13:16	LB136588
	Cadmium	0.50	+/-3	U	1.50	6.00	P	07/23/2025	13:16	LB136588
	Calcium	234	+/-1000	U	500	2000	P	07/23/2025	13:16	LB136588
	Chromium	2.12	+/-5	U	5.00	10.0	P	07/23/2025	13:16	LB136588
	Cobalt	2.26	+/-15	U	7.50	30.0	P	07/23/2025	13:16	LB136588
	Copper	4.60	+/-10	U	16.0	20.0	P	07/23/2025	13:16	LB136588
	Iron	23.4	+/-50	U	80.0	100	P	07/23/2025	13:16	LB136588
	Lead	2.30	+/-6	U	9.60	12.0	P	07/23/2025	13:16	LB136588
	Magnesium	244	+/-1000	U	500	2000	P	07/23/2025	13:16	LB136588
	Manganese	5.94	+/-10	U	15.0	20.0	P	07/23/2025	13:16	LB136588
	Nickel	3.06	+/-20	U	10.0	40.0	P	07/23/2025	13:16	LB136588
	Potassium	918	+/-1000	U	1600	2000	P	07/23/2025	13:16	LB136588
	Selenium	9.64	+/-10	U	16.0	20.0	P	07/23/2025	13:16	LB136588
	Silver	1.62	+/-5	U	5.00	10.0	P	07/23/2025	13:16	LB136588
	Sodium	868	+/-1000	U	1000	2000	P	07/23/2025	13:16	LB136588
	Thallium	4.38	+/-20	U	20.0	40.0	P	07/23/2025	13:16	LB136588
	Vanadium	6.26	+/-20	U	20.0	40.0	P	07/23/2025	13:16	LB136588
	Zinc	16.7	+/-20	U	15.0	40.0	P	07/23/2025	13:16	LB136588

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group **SDG No.:** Q2639
Contract: NOBI03 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.6	+/-50	J	80.0	100	P	07/23/2025	13:46	LB136588
	Antimony	6.76	+/-25	U	12.5	50.0	P	07/23/2025	13:46	LB136588
	Arsenic	5.12	+/-10	U	15.0	20.0	P	07/23/2025	13:46	LB136588
	Barium	14.6	+/-50	U	25.0	100	P	07/23/2025	13:46	LB136588
	Beryllium	0.56	+/-3	U	1.50	6.00	P	07/23/2025	13:46	LB136588
	Cadmium	0.50	+/-3	U	1.50	6.00	P	07/23/2025	13:46	LB136588
	Calcium	234	+/-1000	U	500	2000	P	07/23/2025	13:46	LB136588
	Chromium	2.12	+/-5	U	5.00	10.0	P	07/23/2025	13:46	LB136588
	Cobalt	2.26	+/-15	U	7.50	30.0	P	07/23/2025	13:46	LB136588
	Copper	4.60	+/-10	U	16.0	20.0	P	07/23/2025	13:46	LB136588
	Iron	23.4	+/-50	U	80.0	100	P	07/23/2025	13:46	LB136588
	Lead	2.30	+/-6	U	9.60	12.0	P	07/23/2025	13:46	LB136588
	Magnesium	244	+/-1000	U	500	2000	P	07/23/2025	13:46	LB136588
	Manganese	5.94	+/-10	U	15.0	20.0	P	07/23/2025	13:46	LB136588
	Nickel	3.06	+/-20	U	10.0	40.0	P	07/23/2025	13:46	LB136588
	Potassium	918	+/-1000	U	1600	2000	P	07/23/2025	13:46	LB136588
	Selenium	9.64	+/-10	U	16.0	20.0	P	07/23/2025	13:46	LB136588
	Silver	1.62	+/-5	U	5.00	10.0	P	07/23/2025	13:46	LB136588
	Sodium	868	+/-1000	U	1000	2000	P	07/23/2025	13:46	LB136588
	Thallium	4.38	+/-20	U	20.0	40.0	P	07/23/2025	13:46	LB136588
	Vanadium	6.26	+/-20	U	20.0	40.0	P	07/23/2025	13:46	LB136588
	Zinc	16.7	+/-20	U	15.0	40.0	P	07/23/2025	13:46	LB136588
CCB02	Aluminum	11.3	+/-50	U	80.0	100	P	07/23/2025	14:44	LB136588
	Antimony	6.76	+/-25	U	12.5	50.0	P	07/23/2025	14:44	LB136588
	Arsenic	5.12	+/-10	U	15.0	20.0	P	07/23/2025	14:44	LB136588
	Barium	14.6	+/-50	U	25.0	100	P	07/23/2025	14:44	LB136588
	Beryllium	0.56	+/-3	U	1.50	6.00	P	07/23/2025	14:44	LB136588
	Cadmium	0.50	+/-3	U	1.50	6.00	P	07/23/2025	14:44	LB136588
	Calcium	234	+/-1000	U	500	2000	P	07/23/2025	14:44	LB136588
	Chromium	2.12	+/-5	U	5.00	10.0	P	07/23/2025	14:44	LB136588
	Cobalt	2.26	+/-15	U	7.50	30.0	P	07/23/2025	14:44	LB136588
	Copper	4.60	+/-10	U	16.0	20.0	P	07/23/2025	14:44	LB136588
	Iron	23.4	+/-50	U	80.0	100	P	07/23/2025	14:44	LB136588
	Lead	2.30	+/-6	U	9.60	12.0	P	07/23/2025	14:44	LB136588
	Magnesium	244	+/-1000	U	500	2000	P	07/23/2025	14:44	LB136588
	Manganese	5.94	+/-10	U	15.0	20.0	P	07/23/2025	14:44	LB136588
	Nickel	3.06	+/-20	U	10.0	40.0	P	07/23/2025	14:44	LB136588
	Potassium	918	+/-1000	U	1600	2000	P	07/23/2025	14:44	LB136588
	Selenium	9.64	+/-10	U	16.0	20.0	P	07/23/2025	14:44	LB136588

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	5.00	10.0	P	07/23/2025	14:44	LB136588
	Sodium	868	+/-1000	U	1000	2000	P	07/23/2025	14:44	LB136588
	Thallium	4.38	+/-20	U	20.0	40.0	P	07/23/2025	14:44	LB136588
	Vanadium	6.26	+/-20	U	20.0	40.0	P	07/23/2025	14:44	LB136588
	Zinc	16.7	+/-20	U	15.0	40.0	P	07/23/2025	14:44	LB136588
CCB03	Aluminum	11.3	+/-50	U	80.0	100	P	07/23/2025	16:01	LB136588
	Antimony	6.76	+/-25	U	12.5	50.0	P	07/23/2025	16:01	LB136588
	Arsenic	5.12	+/-10	U	15.0	20.0	P	07/23/2025	16:01	LB136588
	Barium	14.6	+/-50	U	25.0	100	P	07/23/2025	16:01	LB136588
	Beryllium	0.56	+/-3	U	1.50	6.00	P	07/23/2025	16:01	LB136588
	Cadmium	0.50	+/-3	U	1.50	6.00	P	07/23/2025	16:01	LB136588
	Calcium	234	+/-1000	U	500	2000	P	07/23/2025	16:01	LB136588
	Chromium	2.12	+/-5	U	5.00	10.0	P	07/23/2025	16:01	LB136588
	Cobalt	2.26	+/-15	U	7.50	30.0	P	07/23/2025	16:01	LB136588
	Copper	4.60	+/-10	U	16.0	20.0	P	07/23/2025	16:01	LB136588
	Iron	23.4	+/-50	U	80.0	100	P	07/23/2025	16:01	LB136588
	Lead	2.30	+/-6	U	9.60	12.0	P	07/23/2025	16:01	LB136588
	Magnesium	244	+/-1000	U	500	2000	P	07/23/2025	16:01	LB136588
	Manganese	5.94	+/-10	U	15.0	20.0	P	07/23/2025	16:01	LB136588
	Nickel	3.06	+/-20	U	10.0	40.0	P	07/23/2025	16:01	LB136588
	Potassium	918	+/-1000	U	1600	2000	P	07/23/2025	16:01	LB136588
	Selenium	9.64	+/-10	U	16.0	20.0	P	07/23/2025	16:01	LB136588
	Silver	1.62	+/-5	U	5.00	10.0	P	07/23/2025	16:01	LB136588
	Sodium	868	+/-1000	U	1000	2000	P	07/23/2025	16:01	LB136588
	Thallium	4.38	+/-20	U	20.0	40.0	P	07/23/2025	16:01	LB136588
	Vanadium	6.26	+/-20	U	20.0	40.0	P	07/23/2025	16:01	LB136588
	Zinc	16.7	+/-20	U	15.0	40.0	P	07/23/2025	16:01	LB136588
CCB04	Aluminum	11.3	+/-50	U	80.0	100	P	07/23/2025	17:04	LB136588
	Antimony	6.76	+/-25	U	12.5	50.0	P	07/23/2025	17:04	LB136588
	Arsenic	5.12	+/-10	U	15.0	20.0	P	07/23/2025	17:04	LB136588
	Barium	14.6	+/-50	U	25.0	100	P	07/23/2025	17:04	LB136588
	Beryllium	0.56	+/-3	U	1.50	6.00	P	07/23/2025	17:04	LB136588
	Cadmium	0.50	+/-3	U	1.50	6.00	P	07/23/2025	17:04	LB136588
	Calcium	234	+/-1000	U	500	2000	P	07/23/2025	17:04	LB136588
	Chromium	2.12	+/-5	U	5.00	10.0	P	07/23/2025	17:04	LB136588
	Cobalt	2.26	+/-15	U	7.50	30.0	P	07/23/2025	17:04	LB136588
	Copper	4.60	+/-10	U	16.0	20.0	P	07/23/2025	17:04	LB136588
	Iron	26.5	+/-50	J	80.0	100	P	07/23/2025	17:04	LB136588
	Lead	2.30	+/-6	U	9.60	12.0	P	07/23/2025	17:04	LB136588

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	500	2000	P	07/23/2025	17:04	LB136588
	Manganese	5.94	+/-10	U	15.0	20.0	P	07/23/2025	17:04	LB136588
	Nickel	3.06	+/-20	U	10.0	40.0	P	07/23/2025	17:04	LB136588
	Potassium	918	+/-1000	U	1600	2000	P	07/23/2025	17:04	LB136588
	Selenium	9.64	+/-10	U	16.0	20.0	P	07/23/2025	17:04	LB136588
	Silver	1.62	+/-5	U	5.00	10.0	P	07/23/2025	17:04	LB136588
	Sodium	868	+/-1000	U	1000	2000	P	07/23/2025	17:04	LB136588
	Thallium	4.44	+/-20	J	20.0	40.0	P	07/23/2025	17:04	LB136588
	Vanadium	6.26	+/-20	U	20.0	40.0	P	07/23/2025	17:04	LB136588
	Zinc	16.7	+/-20	U	15.0	40.0	P	07/23/2025	17:04	LB136588
CCB05	Aluminum	11.3	+/-50	U	80.0	100	P	07/23/2025	17:57	LB136588
	Antimony	6.76	+/-25	U	12.5	50.0	P	07/23/2025	17:57	LB136588
	Arsenic	5.12	+/-10	U	15.0	20.0	P	07/23/2025	17:57	LB136588
	Barium	14.6	+/-50	U	25.0	100	P	07/23/2025	17:57	LB136588
	Beryllium	0.56	+/-3	U	1.50	6.00	P	07/23/2025	17:57	LB136588
	Cadmium	0.50	+/-3	U	1.50	6.00	P	07/23/2025	17:57	LB136588
	Calcium	234	+/-1000	U	500	2000	P	07/23/2025	17:57	LB136588
	Chromium	2.12	+/-5	U	5.00	10.0	P	07/23/2025	17:57	LB136588
	Cobalt	2.26	+/-15	U	7.50	30.0	P	07/23/2025	17:57	LB136588
	Copper	4.60	+/-10	U	16.0	20.0	P	07/23/2025	17:57	LB136588
	Iron	23.4	+/-50	U	80.0	100	P	07/23/2025	17:57	LB136588
	Lead	2.30	+/-6	U	9.60	12.0	P	07/23/2025	17:57	LB136588
	Magnesium	244	+/-1000	U	500	2000	P	07/23/2025	17:57	LB136588
	Manganese	5.94	+/-10	U	15.0	20.0	P	07/23/2025	17:57	LB136588
	Nickel	3.06	+/-20	U	10.0	40.0	P	07/23/2025	17:57	LB136588
	Potassium	918	+/-1000	U	1600	2000	P	07/23/2025	17:57	LB136588
	Selenium	9.64	+/-10	U	16.0	20.0	P	07/23/2025	17:57	LB136588
	Silver	1.62	+/-5	U	5.00	10.0	P	07/23/2025	17:57	LB136588
	Sodium	868	+/-1000	U	1000	2000	P	07/23/2025	17:57	LB136588
	Thallium	4.38	+/-20	U	20.0	40.0	P	07/23/2025	17:57	LB136588
CCB06	Vanadium	6.26	+/-20	U	20.0	40.0	P	07/23/2025	17:57	LB136588
	Zinc	16.7	+/-20	U	15.0	40.0	P	07/23/2025	17:57	LB136588
	Aluminum	11.3	+/-50	U	80.0	100	P	07/23/2025	18:51	LB136588
	Antimony	6.76	+/-25	U	12.5	50.0	P	07/23/2025	18:51	LB136588
	Arsenic	5.12	+/-10	U	15.0	20.0	P	07/23/2025	18:51	LB136588
	Barium	14.6	+/-50	U	25.0	100	P	07/23/2025	18:51	LB136588
	Beryllium	0.56	+/-3	U	1.50	6.00	P	07/23/2025	18:51	LB136588
	Cadmium	0.50	+/-3	U	1.50	6.00	P	07/23/2025	18:51	LB136588
	Calcium	234	+/-1000	U	500	2000	P	07/23/2025	18:51	LB136588

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	5.00	10.0	P	07/23/2025	18:51	LB136588
	Cobalt	2.26	+/-15	U	7.50	30.0	P	07/23/2025	18:51	LB136588
	Copper	4.60	+/-10	U	16.0	20.0	P	07/23/2025	18:51	LB136588
	Iron	23.4	+/-50	U	80.0	100	P	07/23/2025	18:51	LB136588
	Lead	2.30	+/-6	U	9.60	12.0	P	07/23/2025	18:51	LB136588
	Magnesium	244	+/-1000	U	500	2000	P	07/23/2025	18:51	LB136588
	Manganese	5.94	+/-10	U	15.0	20.0	P	07/23/2025	18:51	LB136588
	Nickel	3.06	+/-20	U	10.0	40.0	P	07/23/2025	18:51	LB136588
	Potassium	918	+/-1000	U	1600	2000	P	07/23/2025	18:51	LB136588
	Selenium	9.64	+/-10	U	16.0	20.0	P	07/23/2025	18:51	LB136588
	Silver	1.62	+/-5	U	5.00	10.0	P	07/23/2025	18:51	LB136588
	Sodium	868	+/-1000	U	1000	2000	P	07/23/2025	18:51	LB136588
	Thallium	4.38	+/-20	U	20.0	40.0	P	07/23/2025	18:51	LB136588
	Vanadium	6.26	+/-20	U	20.0	40.0	P	07/23/2025	18:51	LB136588
	Zinc	16.7	+/-20	U	15.0	40.0	P	07/23/2025	18:51	LB136588
CCB07	Aluminum	11.3	+/-50	U	80.0	100	P	07/23/2025	19:47	LB136588
	Antimony	6.76	+/-25	U	12.5	50.0	P	07/23/2025	19:47	LB136588
	Arsenic	5.12	+/-10	U	15.0	20.0	P	07/23/2025	19:47	LB136588
	Barium	14.6	+/-50	U	25.0	100	P	07/23/2025	19:47	LB136588
	Beryllium	0.56	+/-3	U	1.50	6.00	P	07/23/2025	19:47	LB136588
	Cadmium	0.50	+/-3	U	1.50	6.00	P	07/23/2025	19:47	LB136588
	Calcium	234	+/-1000	U	500	2000	P	07/23/2025	19:47	LB136588
	Chromium	2.12	+/-5	U	5.00	10.0	P	07/23/2025	19:47	LB136588
	Cobalt	2.26	+/-15	U	7.50	30.0	P	07/23/2025	19:47	LB136588
	Copper	4.60	+/-10	U	16.0	20.0	P	07/23/2025	19:47	LB136588
	Iron	23.4	+/-50	U	80.0	100	P	07/23/2025	19:47	LB136588
	Lead	2.30	+/-6	U	9.60	12.0	P	07/23/2025	19:47	LB136588
	Magnesium	244	+/-1000	U	500	2000	P	07/23/2025	19:47	LB136588
	Manganese	5.94	+/-10	U	15.0	20.0	P	07/23/2025	19:47	LB136588
	Nickel	3.06	+/-20	U	10.0	40.0	P	07/23/2025	19:47	LB136588
	Potassium	918	+/-1000	U	1600	2000	P	07/23/2025	19:47	LB136588
	Selenium	9.64	+/-10	U	16.0	20.0	P	07/23/2025	19:47	LB136588
	Silver	1.62	+/-5	U	5.00	10.0	P	07/23/2025	19:47	LB136588
	Sodium	868	+/-1000	U	1000	2000	P	07/23/2025	19:47	LB136588
	Thallium	4.38	+/-20	U	20.0	40.0	P	07/23/2025	19:47	LB136588
	Vanadium	6.26	+/-20	U	20.0	40.0	P	07/23/2025	19:47	LB136588
	Zinc	16.7	+/-20	U	15.0	40.0	P	07/23/2025	19:47	LB136588
CCB08	Aluminum	11.3	+/-50	U	80.0	100	P	07/23/2025	20:04	LB136588
	Antimony	6.76	+/-25	U	12.5	50.0	P	07/23/2025	20:04	LB136588

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	15.0	20.0	P	07/23/2025	20:04	LB136588
	Barium	14.6	+/-50	U	25.0	100	P	07/23/2025	20:04	LB136588
	Beryllium	0.56	+/-3	U	1.50	6.00	P	07/23/2025	20:04	LB136588
	Cadmium	0.50	+/-3	U	1.50	6.00	P	07/23/2025	20:04	LB136588
	Calcium	234	+/-1000	U	500	2000	P	07/23/2025	20:04	LB136588
	Chromium	2.12	+/-5	U	5.00	10.0	P	07/23/2025	20:04	LB136588
	Cobalt	2.26	+/-15	U	7.50	30.0	P	07/23/2025	20:04	LB136588
	Copper	4.60	+/-10	U	16.0	20.0	P	07/23/2025	20:04	LB136588
	Iron	23.4	+/-50	U	80.0	100	P	07/23/2025	20:04	LB136588
	Lead	2.30	+/-6	U	9.60	12.0	P	07/23/2025	20:04	LB136588
	Magnesium	244	+/-1000	U	500	2000	P	07/23/2025	20:04	LB136588
	Manganese	5.94	+/-10	U	15.0	20.0	P	07/23/2025	20:04	LB136588
	Nickel	3.06	+/-20	U	10.0	40.0	P	07/23/2025	20:04	LB136588
	Potassium	918	+/-1000	U	1600	2000	P	07/23/2025	20:04	LB136588
	Selenium	9.64	+/-10	U	16.0	20.0	P	07/23/2025	20:04	LB136588
	Silver	1.62	+/-5	U	5.00	10.0	P	07/23/2025	20:04	LB136588
	Sodium	868	+/-1000	U	1000	2000	P	07/23/2025	20:04	LB136588
	Thallium	4.38	+/-20	U	20.0	40.0	P	07/23/2025	20:04	LB136588
	Vanadium	6.26	+/-20	U	20.0	40.0	P	07/23/2025	20:04	LB136588
	Zinc	16.7	+/-20	U	15.0	40.0	P	07/23/2025	20:04	LB136588

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2639

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169010BL		SOLID		Batch Number:		PB169010		Prep Date:	07/24/2025	
	Mercury	0.0070	<0.012	U	0.010	0.012	CV	07/25/2025	11:53	LB136613

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2639

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168933BL	SOLID			Batch Number:	PB168933			Prep Date:	07/21/2025	
	Aluminum	0.84	<2.5	U	4.00	5.00	P	07/22/2025	16:22	LB136571
	Antimony	0.22	<1.25	U	0.63	2.50	P	07/22/2025	16:22	LB136571
	Arsenic	0.19	<0.5	U	0.80	1.00	P	07/22/2025	16:22	LB136571
	Barium	0.73	<2.5	U	1.25	5.00	P	07/22/2025	16:22	LB136571
	Beryllium	0.025	<0.15	U	0.075	0.30	P	07/22/2025	16:22	LB136571
	Cadmium	0.024	<0.15	U	0.075	0.30	P	07/22/2025	16:22	LB136571
	Calcium	11.1	<50	U	25.0	100	P	07/22/2025	16:22	LB136571
	Chromium	0.047	<0.25	U	0.13	0.50	P	07/22/2025	16:22	LB136571
	Cobalt	0.10	<0.75	U	0.38	1.50	P	07/22/2025	16:22	LB136571
	Copper	0.22	<0.5	U	0.80	1.00	P	07/22/2025	16:22	LB136571
	Iron	3.99	<2.5	U	4.00	5.00	P	07/22/2025	16:22	LB136571
	Lead	0.13	<0.3	U	0.48	0.60	P	07/22/2025	16:22	LB136571
	Magnesium	12.0	<50	U	25.0	100	P	07/22/2025	16:22	LB136571
	Manganese	0.14	<0.5	U	0.25	1.00	P	07/22/2025	16:22	LB136571
	Nickel	0.13	<1	U	0.50	2.00	P	07/22/2025	16:22	LB136571
	Potassium	27.7	<50	U	80.0	100	P	07/22/2025	16:22	LB136571
	Selenium	0.26	<0.5	U	0.80	1.00	P	07/22/2025	16:22	LB136571
	Silver	0.12	<0.25	U	0.25	0.50	P	07/22/2025	16:22	LB136571
	Sodium	17.8	<50	U	80.0	100	P	07/22/2025	16:22	LB136571
	Thallium	0.23	<1	U	1.00	2.00	P	07/22/2025	16:22	LB136571
	Vanadium	0.25	<1	U	1.00	2.00	P	07/22/2025	16:22	LB136571
	Zinc	0.23	<1	U	0.50	2.00	P	07/22/2025	16:22	LB136571

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Nobis Group</u>	SDG No.: <u>Q2639</u>
Contract: <u>NOBI03</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	252000	255000	99	216000	294000	07/22/2025	12:37	LB136571
	Antimony	-2.10			-50	50	07/22/2025	12:37	LB136571
	Arsenic	10.7			-20	20	07/22/2025	12:37	LB136571
	Barium	2.26	6.0	38	-94	106	07/22/2025	12:37	LB136571
	Beryllium	0.54			-6	6	07/22/2025	12:37	LB136571
	Cadmium	-1.25	1.0	125	-5	7	07/22/2025	12:37	LB136571
	Calcium	242000	245000	99	208000	282000	07/22/2025	12:37	LB136571
	Chromium	55.9	52.0	108	42	62	07/22/2025	12:37	LB136571
	Cobalt	2.22			-30	30	07/22/2025	12:37	LB136571
	Copper	20.9	2.0	1045	-18	22	07/22/2025	12:37	LB136571
	Iron	102000	101000	101	85600	116500	07/22/2025	12:37	LB136571
	Lead	-3.81			-12	12	07/22/2025	12:37	LB136571
	Magnesium	256000	255000	100	216000	294000	07/22/2025	12:37	LB136571
	Manganese	7.79	7.0	111	-13	27	07/22/2025	12:37	LB136571
	Nickel	3.78	2.0	189	-38	42	07/22/2025	12:37	LB136571
	Potassium	199			0	0	07/22/2025	12:37	LB136571
	Selenium	-9.01			-20	20	07/22/2025	12:37	LB136571
	Silver	3.81			-10	10	07/22/2025	12:37	LB136571
	Sodium	63.1			0	0	07/22/2025	12:37	LB136571
	Thallium	9.30			-40	40	07/22/2025	12:37	LB136571
	Vanadium	4.76			-40	40	07/22/2025	12:37	LB136571
	Zinc	2.48			-40	40	07/22/2025	12:37	LB136571
ICSAB01	Aluminum	251000	247000	102	209000	285000	07/22/2025	12:48	LB136571
	Antimony	583	618	94	525	711	07/22/2025	12:48	LB136571
	Arsenic	103	104	99	88.4	120	07/22/2025	12:48	LB136571
	Barium	494	537	92	437	637	07/22/2025	12:48	LB136571
	Beryllium	474	495	96	420	570	07/22/2025	12:48	LB136571
	Cadmium	914	972	94	826	1120	07/22/2025	12:48	LB136571
	Calcium	243000	235000	103	199000	271000	07/22/2025	12:48	LB136571
	Chromium	536	542	99	460	624	07/22/2025	12:48	LB136571
	Cobalt	480	476	101	404	548	07/22/2025	12:48	LB136571
	Copper	476	511	93	434	588	07/22/2025	12:48	LB136571
	Iron	101000	99300	102	84400	114500	07/22/2025	12:48	LB136571
	Lead	42.1	49.0	86	37	61	07/22/2025	12:48	LB136571
	Magnesium	255000	248000	103	210000	286000	07/22/2025	12:48	LB136571
	Manganese	486	507	96	430	584	07/22/2025	12:48	LB136571
	Nickel	961	954	101	810	1100	07/22/2025	12:48	LB136571
	Potassium	-46.0			0	0	07/22/2025	12:48	LB136571
	Selenium	40.7	46.0	88	26	66	07/22/2025	12:48	LB136571
	Silver	210	201	104	170	232	07/22/2025	12:48	LB136571
	Sodium	3.98			0	0	07/22/2025	12:48	LB136571
	Thallium	104	108	96	68	148	07/22/2025	12:48	LB136571

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Nobis Group</u>	SDG No.: <u>Q2639</u>
Contract: <u>NOBI03</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	461	491	94	417	565	07/22/2025	12:48	LB136571
	Zinc	1020	952	107	809	1095	07/22/2025	12:48	LB136571
ICSA01	Aluminum	260000	255000	102	216000	294000	07/23/2025	13:25	LB136588
	Antimony	-4.43			-50	50	07/23/2025	13:25	LB136588
	Arsenic	6.73			-20	20	07/23/2025	13:25	LB136588
	Barium	2.30	6.0	38	-94	106	07/23/2025	13:25	LB136588
	Beryllium	1.61			-6	6	07/23/2025	13:25	LB136588
	Cadmium	-0.76	1.0	76	-5	7	07/23/2025	13:25	LB136588
	Calcium	249000	245000	102	208000	282000	07/23/2025	13:25	LB136588
	Chromium	56.9	52.0	109	42	62	07/23/2025	13:25	LB136588
	Cobalt	2.28			-30	30	07/23/2025	13:25	LB136588
	Copper	20.3	2.0	1015	-18	22	07/23/2025	13:25	LB136588
	Iron	102000	101000	101	85600	116500	07/23/2025	13:25	LB136588
	Lead	-3.36			-12	12	07/23/2025	13:25	LB136588
	Magnesium	259000	255000	102	216000	294000	07/23/2025	13:25	LB136588
	Manganese	8.38	7.0	120	-13	27	07/23/2025	13:25	LB136588
	Nickel	3.84	2.0	192	-38	42	07/23/2025	13:25	LB136588
	Potassium	207			0	0	07/23/2025	13:25	LB136588
	Selenium	-4.02			-20	20	07/23/2025	13:25	LB136588
	Silver	1.88			-10	10	07/23/2025	13:25	LB136588
	Sodium	92.5			0	0	07/23/2025	13:25	LB136588
	Thallium	10.4			-40	40	07/23/2025	13:25	LB136588
	Vanadium	4.63			-40	40	07/23/2025	13:25	LB136588
	Zinc	2.01			-40	40	07/23/2025	13:25	LB136588
ICSAB01	Aluminum	250000	247000	101	209000	285000	07/23/2025	13:29	LB136588
	Antimony	583	618	94	525	711	07/23/2025	13:29	LB136588
	Arsenic	108	104	104	88.4	120	07/23/2025	13:29	LB136588
	Barium	491	537	91	437	637	07/23/2025	13:29	LB136588
	Beryllium	484	495	98	420	570	07/23/2025	13:29	LB136588
	Cadmium	907	972	93	826	1120	07/23/2025	13:29	LB136588
	Calcium	241000	235000	103	199000	271000	07/23/2025	13:29	LB136588
	Chromium	528	542	97	460	624	07/23/2025	13:29	LB136588
	Cobalt	474	476	100	404	548	07/23/2025	13:29	LB136588
	Copper	479	511	94	434	588	07/23/2025	13:29	LB136588
	Iron	99600	99300	100	84400	114500	07/23/2025	13:29	LB136588
	Lead	39.7	49.0	81	37	61	07/23/2025	13:29	LB136588
	Magnesium	251000	248000	101	210000	286000	07/23/2025	13:29	LB136588
	Manganese	486	507	96	430	584	07/23/2025	13:29	LB136588
	Nickel	952	954	100	810	1100	07/23/2025	13:29	LB136588
	Potassium	85.6			0	0	07/23/2025	13:29	LB136588
	Selenium	35.6	46.0	77	26	66	07/23/2025	13:29	LB136588
	Silver	208	201	104	170	232	07/23/2025	13:29	LB136588

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Nobis Group</u>	SDG No.: <u>Q2639</u>
Contract: <u>NOBI03</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	30.1			0	0	07/23/2025	13:29	LB136588
	Thallium	103	108	95	68	148	07/23/2025	13:29	LB136588
	Vanadium	457	491	93	417	565	07/23/2025	13:29	LB136588
	Zinc	1010	952	106	809	1095	07/23/2025	13:29	LB136588



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Nobis Group **level:** low **sdg no.:** Q2639
contract: NOBI03 **lab code:** ACE
matrix: Solid **sample id:** Q2651-01 **client id:** MH 2-1MS

Percent Solids for Sample: 94.5 **Spiked ID:** Q2651-01MS **Percent Solids for Spike Sample:** 94.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	3690		3040		97.1	675		P
Antimony	mg/Kg	79 - 114	21.8		2.34	U	38.8	56	N	P
Arsenic	mg/Kg	82 - 111	38.5		3.16		38.8	91		P
Barium	mg/Kg	83 - 113	24.4		13.7		9.7	110		P
Beryllium	mg/Kg	83 - 113	9.94		0.31		9.7	99		P
Cadmium	mg/Kg	82 - 113	9.45		0.28	U	9.7	97		P
Calcium	mg/Kg	81 - 116	411		817		48.5	-837		P
Chromium	mg/Kg	85 - 113	30.5		9.31		19.4	109		P
Cobalt	mg/Kg	85 - 112	13.3		2.95		9.7	107		P
Copper	mg/Kg	81 - 117	26.3		11.4		14.6	102		P
Iron	mg/Kg	81 - 118	8810		8440		150	248		P
Lead	mg/Kg	81 - 112	51.0		3.53		48.5	98		P
Magnesium	mg/Kg	78 - 115	761		878		97.1	-120		P
Manganese	mg/Kg	84 - 114	77.7		62.5		9.7	157		P
Nickel	mg/Kg	83 - 113	30.2		4.33		24.3	106		P
Potassium	mg/Kg	81 - 116	766		239		490	108		P
Selenium	mg/Kg	78 - 111	83.9		0.94	U	97.1	86		P
Silver	mg/Kg	82 - 112	3.76		0.29	J	3.6	96		P
Sodium	mg/Kg	83 - 118	216		73.5	J	150	95		P
Thallium	mg/Kg	83 - 111	89.0		0.24	J	97.1	91		P
Vanadium	mg/Kg	82 - 114	27.0		11.8		14.6	104		P
Zinc	mg/Kg	82 - 113	25.9		14.2		9.7	121	N	P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Nobis Group **level:** low **sdg no.:** Q2639
contract: NOBI03 **lab code:** ACE
matrix: Solid **sample id:** Q2651-01 **client id:** MH 2-1MSD

Percent Solids for Sample: 94.5 **Spiked ID:** Q2651-01MSD **Percent Solids for Spike Sample:** 94.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	3710		3040		95.3	707		P
Antimony	mg/Kg	79 - 114	22.2		2.34	U	38.1	58	N	P
Arsenic	mg/Kg	82 - 111	38.4		3.16		38.1	93		P
Barium	mg/Kg	83 - 113	24.4		13.7		9.5	112		P
Beryllium	mg/Kg	83 - 113	9.52		0.31		9.5	97		P
Cadmium	mg/Kg	82 - 113	9.35		0.28	U	9.5	98		P
Calcium	mg/Kg	81 - 116	377		817		47.7	-923		P
Chromium	mg/Kg	85 - 113	28.2		9.31		19.1	99		P
Cobalt	mg/Kg	85 - 112	13.2		2.95		9.5	108		P
Copper	mg/Kg	81 - 117	25.7		11.4		14.3	100		P
Iron	mg/Kg	81 - 118	8650		8440		140	155		P
Lead	mg/Kg	81 - 112	49.9		3.53		47.7	97		P
Magnesium	mg/Kg	78 - 115	761		878		95.3	-122		P
Manganese	mg/Kg	84 - 114	77.2		62.5		9.5	155		P
Nickel	mg/Kg	83 - 113	29.9		4.33		23.8	108		P
Potassium	mg/Kg	81 - 116	758		239		480	108		P
Selenium	mg/Kg	78 - 111	82.9		0.94	U	95.3	87		P
Silver	mg/Kg	82 - 112	3.81		0.29	J	3.6	98		P
Sodium	mg/Kg	83 - 118	215		73.5	J	140	101		P
Thallium	mg/Kg	83 - 111	84.7		0.24	J	95.3	89		P
Vanadium	mg/Kg	82 - 114	26.3		11.8		14.3	101		P
Zinc	mg/Kg	82 - 113	25.8		14.2		9.5	122	N	P

metals
- 5a -
MATRIX SPIKE SUMMARY

client:	Nobis Group	level:	low	sdg no.:	Q2639
contract:	NOBI03			lab code:	ACE
matrix:	Solid	sample id:	Q2689-01	client id:	OR-03-07232025MS

Percent Solids for Sample:	92.8	Spiked ID:	Q2689-01MS	Percent Solids for Spike Sample:	92.8
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Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.33		0.032		0.26	115		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Nobis Group **level:** low **sdg no.:** Q2639
contract: NOBI03 **lab code:** ACE
matrix: Solid **sample id:** Q2689-01 **client id:** OR-03-07232025MSD
Percent Solids for Sample: 92.8 **Spiked ID:** Q2689-01MSD **Percent Solids for Spike Sample:** 92.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.37		0.032		0.27	126	N	CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client:	<u>Nobis Group</u>	SDG No.:	<u>Q2639</u>
Contract:	<u>NOBI03</u>	Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Level:	<u>LOW</u>
Sample ID:	<u>Q2651-01</u>	Client ID:	<u>MH 2-1A</u>
Spiked ID:	<u>Q2651-01A</u>		

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	79 - 114	36.6		2.34	U	37.5	98		P
Zinc	mg/Kg	82 - 113	23.8		14.2		9.40	102		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client:	<u>Nobis Group</u>	SDG No.:	<u>Q2639</u>
Contract:	<u>NOBI03</u>	Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Level:	<u>LOW</u>
Sample ID:	<u>Q2689-01</u>	Client ID:	<u>OR-03-07232025A</u>
		Spiked ID:	<u>Q2689-01A</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.34		0.032		0.29	107		CV

A
B
C
D
E
F
G
H

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Nobis Group</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2639</u>
Contract:	<u>NOBI03</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2651-01</u>	Client ID:	<u>MH 2-1DUP</u>
Percent Solids for Sample:	94.5	Duplicate ID	Q2651-01DUP	Percent Solids for Spike Sample:	94.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3040		3000		1		P
Antimony	mg/Kg	20	2.34	U	2.41	U			P
Arsenic	mg/Kg	20	3.16		3.15		0		P
Barium	mg/Kg	20	13.7		14.4		5		P
Beryllium	mg/Kg	20	0.31		0.30		5		P
Cadmium	mg/Kg	20	0.28	U	0.29	U			P
Calcium	mg/Kg	20	817		304		92	*	P
Chromium	mg/Kg	20	9.31		9.09		2		P
Cobalt	mg/Kg	20	2.95		3.20		8		P
Copper	mg/Kg	20	11.4		11.1		3		P
Iron	mg/Kg	20	8440		8350		1		P
Lead	mg/Kg	20	3.53		3.40		4		P
Magnesium	mg/Kg	20	878		564		44	*	P
Manganese	mg/Kg	20	62.5		65.8		5		P
Nickel	mg/Kg	20	4.33		4.24		2		P
Potassium	mg/Kg	20	239		246		3		P
Selenium	mg/Kg	20	0.94	U	0.96	U			P
Silver	mg/Kg	20	0.29	J	0.27	J	7		P
Sodium	mg/Kg	20	73.5	J	79.7	J	8		P
Thallium	mg/Kg	20	0.24	J	0.27	J	14		P
Vanadium	mg/Kg	20	11.8		11.7		1		P
Zinc	mg/Kg	20	14.2		14.9		5		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Nobis Group</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2639</u>
Contract:	<u>NOBI03</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2651-01MS</u>	Client ID:	<u>MH 2-1MSD</u>
Percent Solids for Sample:	94.5	Duplicate ID	Q2651-01MSD	Percent Solids for Spike Sample:	94.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3690		3710		1		P
Antimony	mg/Kg	20	21.8		22.2		2		P
Arsenic	mg/Kg	20	38.5		38.4		0		P
Barium	mg/Kg	20	24.4		24.4		0		P
Beryllium	mg/Kg	20	9.94		9.52		4		P
Cadmium	mg/Kg	20	9.45		9.35		1		P
Calcium	mg/Kg	20	411		377		9		P
Chromium	mg/Kg	20	30.5		28.2		8		P
Cobalt	mg/Kg	20	13.3		13.2		1		P
Copper	mg/Kg	20	26.3		25.7		2		P
Iron	mg/Kg	20	8810		8650		2		P
Lead	mg/Kg	20	51.0		49.9		2		P
Magnesium	mg/Kg	20	761		761		0		P
Manganese	mg/Kg	20	77.7		77.2		1		P
Nickel	mg/Kg	20	30.2		29.9		1		P
Potassium	mg/Kg	20	766		758		1		P
Selenium	mg/Kg	20	83.9		82.9		1		P
Silver	mg/Kg	20	3.76		3.81		1		P
Sodium	mg/Kg	20	216		215		0		P
Thallium	mg/Kg	20	89.0		84.7		5		P
Vanadium	mg/Kg	20	27.0		26.3		3		P
Zinc	mg/Kg	20	25.9		25.8		0		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Nobis Group</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2639</u>
Contract:	<u>NOBI03</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2689-01</u>	Client ID:	<u>OR-03-07232025DUP</u>
Percent Solids for Sample:	92.8	Duplicate ID	Q2689-01DUP	Percent Solids for Spike Sample:	92.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.032		0.038		17		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Nobis Group</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2639</u>
Contract:	<u>NOBI03</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2689-01MS</u>	Client ID:	<u>OR-03-07232025MSD</u>
Percent Solids for Sample:	92.8	Duplicate ID	Q2689-01MSD	Percent Solids for Spike Sample:	92.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.33		0.37		12		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>Nobis Group</u>	SDG No.:	<u>Q2639</u>
Contract:	<u>NOBI03</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168933BS							
Aluminum	mg/Kg	100	106	J	106	74 - 119	P
Antimony	mg/Kg	40.0	41.4		104	79 - 114	P
Arsenic	mg/Kg	40.0	39.5		99	82 - 111	P
Barium	mg/Kg	10.0	10.8		108	83 - 113	P
Beryllium	mg/Kg	10.0	10.9		109	83 - 113	P
Cadmium	mg/Kg	10.0	9.72		97	82 - 113	P
Calcium	mg/Kg	50.0	54.7		109	81 - 116	P
Chromium	mg/Kg	20.0	20.7		104	85 - 113	P
Cobalt	mg/Kg	10.0	10.2		102	85 - 112	P
Copper	mg/Kg	15.0	16.2		108	81 - 117	P
Iron	mg/Kg	150	155		103	81 - 118	P
Lead	mg/Kg	50.0	48.8		98	81 - 112	P
Magnesium	mg/Kg	100	105		105	78 - 115	P
Manganese	mg/Kg	10.0	10.9		110	84 - 114	P
Nickel	mg/Kg	25.0	25.9		104	83 - 113	P
Potassium	mg/Kg	500	499		100	81 - 116	P
Selenium	mg/Kg	100	99.6		100	78 - 111	P
Silver	mg/Kg	3.8	3.97		104	82 - 112	P
Sodium	mg/Kg	150	137		91	83 - 118	P
Thallium	mg/Kg	100	97.0		97	83 - 111	P
Vanadium	mg/Kg	15.0	15.6		104	82 - 114	P
Zinc	mg/Kg	10.0	11.0		110	82 - 113	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169010BS Mercury	mg/Kg	0.25	0.26		106	80 - 124	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

MH 2-1L

Lab Name: Alliance **Contract:** NOBI03
Lab Code: ACE **Lb No.:** lb136571 **Lab Sample ID :** Q2651-01L **SDG No.:** Q2639
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
Aluminum	3040		3270		8		P
Antimony	2.34	U	11.7	U			P
Arsenic	3.16		3.24	J	2		P
Barium	13.7		14.7	J	7		P
Beryllium	0.31		0.35	J	13		P
Cadmium	0.28	U	1.40	U			P
Calcium	817		898		10		P
Chromium	9.31		9.98		7		P
Cobalt	2.95		2.91	J	1		P
Copper	11.4		12.7		11		P
Iron	8440		8760		4		P
Lead	3.53		3.77		7		P
Magnesium	878		970		10		P
Manganese	62.5		68.9		10		P
Nickel	4.33		4.26	J	2		P
Potassium	239		273	J	14		P
Selenium	0.94	U	4.68	U			P
Silver	0.29	J	2.34	U	100.0		P
Sodium	73.5	J	468	U	100.0		P
Thallium	0.24	J	9.36	U	100.0		P
Vanadium	11.8		12.3		4		P
Zinc	14.2		15.2		7		P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

OR-03-07232025L

Lab Name: Alliance **Contract:** NOBI03
Lab Code: ACE **Lb No.:** lb136613 **Lab Sample ID :** Q2689-01L **SDG No.:** Q2639
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.032	0.053 J	62		CV



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168933							
PB168933BL	PB168933BL	MB	SOLID	07/21/2025	2.00	100.0	100.00
PB168933BS	PB168933BS	LCS	SOLID	07/21/2025	2.00	100.0	100.00
Q2639-01	OU4-TS-38-071725	SAM	SOLID	07/21/2025	2.35	100.0	80.60
Q2639-03	OU4-TS-39-071725	SAM	SOLID	07/21/2025	2.24	100.0	81.00
Q2639-05	OU4-TS-40-071725	SAM	SOLID	07/21/2025	2.31	100.0	80.70
Q2639-07	OU4-TS-41-071725	SAM	SOLID	07/21/2025	2.08	100.0	82.00
Q2639-09	OU4-TS-42-071725	SAM	SOLID	07/21/2025	2.13	100.0	60.30
Q2639-11	OU4-TS-43-071725	SAM	SOLID	07/21/2025	2.31	100.0	58.00
Q2639-13	OU4-TS-44-071725	SAM	SOLID	07/21/2025	2.38	100.0	64.90
Q2651-01DUP	MH 2-1DUP	DUP	SOLID	07/21/2025	2.20	100.0	94.50
Q2651-01MS	MH 2-1MS	MS	SOLID	07/21/2025	2.18	100.0	94.50
Q2651-01MSD	MH 2-1MSD	MSD	SOLID	07/21/2025	2.22	100.0	94.50

Metals

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SAMPLE PREPARATION SUMMARY

Client: Nobis Group

SDG No.: Q2639

Contract: NOBI03

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169010							
PB169010BL	PB169010BL	MB	SOLID	07/24/2025	0.57	35.0	100.00
PB169010BS	PB169010BS	LCS	SOLID	07/24/2025	0.55	35.0	100.00
Q2639-01	OU4-TS-38-071725	SAM	SOLID	07/24/2025	0.56	35.0	80.60
Q2639-03	OU4-TS-39-071725	SAM	SOLID	07/24/2025	0.53	35.0	81.00
Q2639-05	OU4-TS-40-071725	SAM	SOLID	07/24/2025	0.53	35.0	80.70
Q2639-07	OU4-TS-41-071725	SAM	SOLID	07/24/2025	0.52	35.0	82.00
Q2639-09	OU4-TS-42-071725	SAM	SOLID	07/24/2025	0.58	35.0	60.30
Q2639-11	OU4-TS-43-071725	SAM	SOLID	07/24/2025	0.56	35.0	58.00
Q2639-13	OU4-TS-44-071725	SAM	SOLID	07/24/2025	0.53	35.0	64.90
Q2689-01DUP	OR-03-07232025DUP	DUP	SOLID	07/24/2025	0.55	35.0	92.80
Q2689-01MS	OR-03-07232025MS	MS	SOLID	07/24/2025	0.59	35.0	92.80
Q2689-01MSD	OR-03-07232025MSD	MSD	SOLID	07/24/2025	0.55	35.0	92.80

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ANALYSIS RUN LOG

Client: Nobis Group

Contract: NOBI03

Lab code: ACE

Sdg no.: Q2639

Instrument id number: _____

Method: _____

Run number: LB136571

Start date: 07/22/2025

End date: 07/22/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1111	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1116	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1120	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1124	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1128	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1133	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1203	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1210	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1227	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1232	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1237	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1248	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1300	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1305	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1405	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1409	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1520	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1526	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1613	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1617	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168933BL	PB168933BL	1	1622	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168933BS	PB168933BS	1	1649	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1714	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1718	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2639-01	OU4-TS-38-071725	1	1752	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2639-03	OU4-TS-39-071725	1	1756	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2639-05	OU4-TS-40-071725	1	1800	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1805	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1809	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2639-07	OU4-TS-41-071725	1	1813	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2639-11	OU4-TS-43-071725	1	1822	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2639-13	OU4-TS-44-071725	1	1826	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2651-01DUP	MH 2-1DUP	1	1834	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2651-01L	MH 2-1L	5	1838	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2651-01MS	MH 2-1MS	1	1842	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2651-01MSD	MH 2-1MSD	1	1846	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2651-01A	MH 2-1A	1	1850	Sb,Zn
CCV07	CCV07	1	1854	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1858	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1919	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1923	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: Nobis Group

Contract: NOBI03

Lab code: ACE

Sdg no.: Q2639

Instrument id number: _____

Method: _____

Run number: LB136588

Start date: 07/23/2025

End date: 07/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1128	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1132	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1137	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1145	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1149	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1257	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1302	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1316	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1325	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1329	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1342	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1346	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1435	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1444	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1453	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2639-09	OU4-TS-42-071725	1	1501	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1557	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1601	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1700	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1704	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1749	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1757	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1843	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1851	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1938	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1947	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1955	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2004	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: Nobis Group

Contract: NOBI03

Lab code: ACE

Sdg no.: Q2639

Instrument id number: _____

Method: _____

Run number: LB136613

Start date: 07/25/2025

End date: 07/25/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1055	HG
S0.2	S0.2	1	1100	HG
S2.5	S2.5	1	1103	HG
S5	S5	1	1105	HG
S7.5	S7.5	1	1107	HG
S10	S10	1	1109	HG
ICV39	ICV39	1	1113	HG
ICB39	ICB39	1	1115	HG
CCV47	CCV47	1	1117	HG
CCB47	CCB47	1	1119	HG
CRA	CRA	1	1146	HG
PB169010BL	PB169010BL	1	1153	HG
PB169010BS	PB169010BS	1	1158	HG
Q2639-01	OU4-TS-38-071725	1	1202	HG
Q2639-03	OU4-TS-39-071725	1	1205	HG
Q2639-05	OU4-TS-40-071725	1	1207	HG
Q2639-07	OU4-TS-41-071725	1	1209	HG
CCV48	CCV48	1	1212	HG
CCB48	CCB48	1	1214	HG
Q2639-09	OU4-TS-42-071725	1	1216	HG
Q2639-11	OU4-TS-43-071725	1	1219	HG
Q2639-13	OU4-TS-44-071725	1	1221	HG
Q2689-01DUP	OR-03-07232025DUP	1	1230	HG
Q2689-01MS	OR-03-07232025MS	1	1233	HG
Q2689-01MSD	OR-03-07232025MSD	1	1235	HG
CCV49	CCV49	1	1239	HG
CCB49	CCB49	1	1242	HG
Q2689-01L	OR-03-07232025L	5	1246	HG
Q2689-01A	OR-03-07232025A	1	1249	HG
CCV50	CCV50	1	1253	HG
CCB50	CCB50	1	1256	HG