

LAB CHRONICLE

OrderID:	Q2259	OrderDate:	6/6/2025 10:57:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	D21,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2259-01	OU4-PCS-TC-36-0605 25	SOIL			06/05/25			06/06/25
			Mercury	7471B		06/09/25	06/09/25	
			Metals ICP-TAL	6010D		06/09/25	06/10/25	
Q2259-03	OU4-PCS-TC-37-0605 25	SOIL			06/05/25			06/06/25
			Mercury	7471B		06/09/25	06/09/25	
			Metals ICP-TAL	6010D		06/09/25	06/10/25	
Q2259-05	OU4-TS-29-060525	SOIL			06/05/25			06/06/25
			Mercury	7471B		06/09/25	06/09/25	
			Metals ICP-TAL	6010D		06/09/25	06/10/25	
Q2259-06	OU4-TS-30-060525	SOIL			06/05/25			06/06/25
			Mercury	7471B		06/09/25	06/09/25	
			Metals ICP-TAL	6010D		06/09/25	06/10/25	

Hit Summary Sheet SW-846

SDG No.: Q2259 **Order ID:** Q2259
Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-PCS-TC-36-060525									
Q2259-01	OU4-PCS-TC-36-060525	SOIL	Aluminum	6720		0.83	3.96	4.96	mg/Kg
Q2259-01	OU4-PCS-TC-36-060525	SOIL	Arsenic	1.64		0.19	0.79	0.99	mg/Kg
Q2259-01	OU4-PCS-TC-36-060525	SOIL	Barium	12.9		0.72	1.24	4.96	mg/Kg
Q2259-01	OU4-PCS-TC-36-060525	SOIL	Beryllium	0.33		0.025	0.074	0.30	mg/Kg
Q2259-01	OU4-PCS-TC-36-060525	SOIL	Cadmium	1.71		0.024	0.074	0.30	mg/Kg
Q2259-01	OU4-PCS-TC-36-060525	SOIL	Calcium	7920		11.0	24.8	99.1	mg/Kg
Q2259-01	OU4-PCS-TC-36-060525	SOIL	Cobalt	15.4		0.099	0.37	1.49	mg/Kg
Q2259-01	OU4-PCS-TC-36-060525	SOIL	Copper	36.7		0.22	0.79	0.99	mg/Kg
Q2259-01	OU4-PCS-TC-36-060525	SOIL	Iron	24800		3.95	3.96	4.96	mg/Kg
Q2259-01	OU4-PCS-TC-36-060525	SOIL	Lead	0.95		0.13	0.48	0.60	mg/Kg
Q2259-01	OU4-PCS-TC-36-060525	SOIL	Magnesium	4870		11.9	24.8	99.1	mg/Kg
Q2259-01	OU4-PCS-TC-36-060525	SOIL	Manganese	208		0.14	0.25	0.99	mg/Kg
Q2259-01	OU4-PCS-TC-36-060525	SOIL	Nickel	7.23		0.13	0.50	1.98	mg/Kg
Q2259-01	OU4-PCS-TC-36-060525	SOIL	Potassium	85.6	J	27.5	79.3	99.1	mg/Kg
Q2259-01	OU4-PCS-TC-36-060525	SOIL	Sodium	900		17.6	79.3	99.1	mg/Kg
Q2259-01	OU4-PCS-TC-36-060525	SOIL	Vanadium	62.5		0.25	0.99	1.98	mg/Kg
Q2259-01	OU4-PCS-TC-36-060525	SOIL	Zinc	34.2		0.23	0.50	1.98	mg/Kg
Client ID : OU4-PCS-TC-37-060525									
Q2259-03	OU4-PCS-TC-37-060525	SOIL	Aluminum	6770		0.81	3.86	4.82	mg/Kg
Q2259-03	OU4-PCS-TC-37-060525	SOIL	Arsenic	1.38		0.18	0.77	0.96	mg/Kg
Q2259-03	OU4-PCS-TC-37-060525	SOIL	Barium	11.6		0.70	1.21	4.82	mg/Kg
Q2259-03	OU4-PCS-TC-37-060525	SOIL	Beryllium	0.31		0.024	0.072	0.29	mg/Kg
Q2259-03	OU4-PCS-TC-37-060525	SOIL	Cadmium	1.64		0.023	0.072	0.29	mg/Kg
Q2259-03	OU4-PCS-TC-37-060525	SOIL	Calcium	6230		10.7	24.1	96.4	mg/Kg
Q2259-03	OU4-PCS-TC-37-060525	SOIL	Cobalt	14.4		0.096	0.36	1.45	mg/Kg
Q2259-03	OU4-PCS-TC-37-060525	SOIL	Copper	36.9		0.21	0.77	0.96	mg/Kg
Q2259-03	OU4-PCS-TC-37-060525	SOIL	Iron	22800		3.85	3.86	4.82	mg/Kg
Q2259-03	OU4-PCS-TC-37-060525	SOIL	Lead	0.82		0.13	0.46	0.58	mg/Kg
Q2259-03	OU4-PCS-TC-37-060525	SOIL	Magnesium	4740		11.6	24.1	96.4	mg/Kg
Q2259-03	OU4-PCS-TC-37-060525	SOIL	Manganese	179		0.14	0.24	0.96	mg/Kg
Q2259-03	OU4-PCS-TC-37-060525	SOIL	Nickel	7.20		0.13	0.48	1.93	mg/Kg
Q2259-03	OU4-PCS-TC-37-060525	SOIL	Potassium	86.3	J	26.7	77.1	96.4	mg/Kg
Q2259-03	OU4-PCS-TC-37-060525	SOIL	Sodium	944		17.2	77.1	96.4	mg/Kg
Q2259-03	OU4-PCS-TC-37-060525	SOIL	Vanadium	62.2		0.24	0.96	1.93	mg/Kg
Q2259-03	OU4-PCS-TC-37-060525	SOIL	Zinc	27.2		0.22	0.48	1.93	mg/Kg

Client ID : OU4-TS-29-060525

Hit Summary Sheet
SW-846

SDG No.: Q2259 **Order ID:** Q2259
Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2259-05	OU4-TS-29-060525	SOIL	Aluminum	15400		1.01	4.81	6.01	mg/Kg
Q2259-05	OU4-TS-29-060525	SOIL	Arsenic	24.2		0.23	0.96	1.20	mg/Kg
Q2259-05	OU4-TS-29-060525	SOIL	Barium	102		0.88	1.50	6.01	mg/Kg
Q2259-05	OU4-TS-29-060525	SOIL	Beryllium	0.98		0.030	0.090	0.36	mg/Kg
Q2259-05	OU4-TS-29-060525	SOIL	Cadmium	2.67		0.029	0.090	0.36	mg/Kg
Q2259-05	OU4-TS-29-060525	SOIL	Calcium	3800		13.3	30.1	120	mg/Kg
Q2259-05	OU4-TS-29-060525	SOIL	Chromium	19.7		0.057	0.15	0.60	mg/Kg
Q2259-05	OU4-TS-29-060525	SOIL	Cobalt	16.4		0.12	0.45	1.80	mg/Kg
Q2259-05	OU4-TS-29-060525	SOIL	Copper	42.5		0.27	0.96	1.20	mg/Kg
Q2259-05	OU4-TS-29-060525	SOIL	Iron	23500		4.80	4.81	6.01	mg/Kg
Q2259-05	OU4-TS-29-060525	SOIL	Lead	28.8		0.16	0.58	0.72	mg/Kg
Q2259-05	OU4-TS-29-060525	SOIL	Magnesium	5310		14.4	30.1	120	mg/Kg
Q2259-05	OU4-TS-29-060525	SOIL	Manganese	453		0.17	0.30	1.20	mg/Kg
Q2259-05	OU4-TS-29-060525	SOIL	Mercury	0.030		0.0090	0.013	0.016	mg/Kg
Q2259-05	OU4-TS-29-060525	SOIL	Nickel	27.5		0.16	0.60	2.41	mg/Kg
Q2259-05	OU4-TS-29-060525	SOIL	Potassium	5140		33.3	96.2	120	mg/Kg
Q2259-05	OU4-TS-29-060525	SOIL	Sodium	171		21.4	96.2	120	mg/Kg
Q2259-05	OU4-TS-29-060525	SOIL	Vanadium	34.5		0.30	1.20	2.41	mg/Kg
Q2259-05	OU4-TS-29-060525	SOIL	Zinc	79.1		0.28	0.60	2.41	mg/Kg
Client ID : OU4-TS-30-060525									
Q2259-06	OU4-TS-30-060525	SOIL	Aluminum	14200		0.95	4.52	5.65	mg/Kg
Q2259-06	OU4-TS-30-060525	SOIL	Arsenic	24.8		0.22	0.90	1.13	mg/Kg
Q2259-06	OU4-TS-30-060525	SOIL	Barium	90.6		0.83	1.41	5.65	mg/Kg
Q2259-06	OU4-TS-30-060525	SOIL	Beryllium	0.92		0.028	0.085	0.34	mg/Kg
Q2259-06	OU4-TS-30-060525	SOIL	Cadmium	2.50		0.027	0.085	0.34	mg/Kg
Q2259-06	OU4-TS-30-060525	SOIL	Calcium	2890		12.5	28.3	113	mg/Kg
Q2259-06	OU4-TS-30-060525	SOIL	Chromium	18.3		0.053	0.14	0.56	mg/Kg
Q2259-06	OU4-TS-30-060525	SOIL	Cobalt	14.6		0.11	0.42	1.70	mg/Kg
Q2259-06	OU4-TS-30-060525	SOIL	Copper	40.9		0.25	0.90	1.13	mg/Kg
Q2259-06	OU4-TS-30-060525	SOIL	Iron	21300		4.51	4.52	5.65	mg/Kg
Q2259-06	OU4-TS-30-060525	SOIL	Lead	25.9		0.15	0.54	0.68	mg/Kg
Q2259-06	OU4-TS-30-060525	SOIL	Magnesium	4910		13.6	28.3	113	mg/Kg
Q2259-06	OU4-TS-30-060525	SOIL	Manganese	372		0.16	0.28	1.13	mg/Kg
Q2259-06	OU4-TS-30-060525	SOIL	Mercury	0.040		0.010	0.014	0.018	mg/Kg
Q2259-06	OU4-TS-30-060525	SOIL	Nickel	25.1		0.15	0.56	2.26	mg/Kg
Q2259-06	OU4-TS-30-060525	SOIL	Potassium	4410		31.3	90.4	113	mg/Kg
Q2259-06	OU4-TS-30-060525	SOIL	Sodium	138		20.1	90.4	113	mg/Kg
Q2259-06	OU4-TS-30-060525	SOIL	Vanadium	31.3		0.28	1.13	2.26	mg/Kg
Q2259-06	OU4-TS-30-060525	SOIL	Zinc	69.2		0.26	0.56	2.26	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	Nobis Group	Date Collected:	06/05/25
Project:	Raymark Superfund Site	Date Received:	06/06/25
Client Sample ID:	OU4-PCS-TC-36-060525	SDG No.:	Q2259
Lab Sample ID:	Q2259-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6720		1	0.83	3.96	4.96	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7440-36-0	Antimony	0.62	UN	1	0.22	0.62	2.48	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7440-38-2	Arsenic	1.64	N	1	0.19	0.79	0.99	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7440-39-3	Barium	12.9	N	1	0.72	1.24	4.96	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7440-41-7	Beryllium	0.33	N	1	0.025	0.074	0.30	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7440-43-9	Cadmium	1.71		1	0.024	0.074	0.30	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7440-70-2	Calcium	7920		1	11.0	24.8	99.1	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7440-47-3	Chromium	0.12	UN	1	0.047	0.12	0.50	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7440-48-4	Cobalt	15.4		1	0.099	0.37	1.49	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7440-50-8	Copper	36.7	N	1	0.22	0.79	0.99	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7439-89-6	Iron	24800		1	3.95	3.96	4.96	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7439-92-1	Lead	0.95		1	0.13	0.48	0.60	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7439-95-4	Magnesium	4870		1	11.9	24.8	99.1	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7439-96-5	Manganese	208		1	0.14	0.25	0.99	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7439-97-6	Mercury	0.011	U	1	0.0080	0.011	0.013	mg/Kg	06/09/25 08:35	06/09/25 13:08	7471B	
7440-02-0	Nickel	7.23		1	0.13	0.50	1.98	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7440-09-7	Potassium	85.6	J	1	27.5	79.3	99.1	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7782-49-2	Selenium	0.79	UN	1	0.26	0.79	0.99	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7440-22-4	Silver	0.25	UN	1	0.12	0.25	0.50	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7440-23-5	Sodium	900		1	17.6	79.3	99.1	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7440-28-0	Thallium	0.99	U	1	0.23	0.99	1.98	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7440-62-2	Vanadium	62.5	N	1	0.25	0.99	1.98	mg/Kg	06/09/25 10:34	06/10/25 20:26	6010D	SW3050
7440-66-6	Zinc	34.2	N	1	0.23	0.50	1.98	mg/Kg	06/09/25 10:34	06/10/25 20:26	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

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:	06/05/25
Project:	Raymark Superfund Site	Date Received:	06/06/25
Client Sample ID:	OU4-PCS-TC-37-060525	SDG No.:	Q2259
Lab Sample ID:	Q2259-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6770		1	0.81	3.86	4.82	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7440-36-0	Antimony	0.60	UN	1	0.21	0.60	2.41	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7440-38-2	Arsenic	1.38	N	1	0.18	0.77	0.96	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7440-39-3	Barium	11.6	N	1	0.70	1.21	4.82	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7440-41-7	Beryllium	0.31	N	1	0.024	0.072	0.29	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7440-43-9	Cadmium	1.64		1	0.023	0.072	0.29	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7440-70-2	Calcium	6230		1	10.7	24.1	96.4	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7440-47-3	Chromium	0.12	UN	1	0.045	0.12	0.48	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7440-48-4	Cobalt	14.4		1	0.096	0.36	1.45	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7440-50-8	Copper	36.9	N	1	0.21	0.77	0.96	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7439-89-6	Iron	22800		1	3.85	3.86	4.82	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7439-92-1	Lead	0.82		1	0.13	0.46	0.58	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7439-95-4	Magnesium	4740		1	11.6	24.1	96.4	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7439-96-5	Manganese	179		1	0.14	0.24	0.96	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7439-97-6	Mercury	0.010	U	1	0.0070	0.010	0.013	mg/Kg	06/09/25 08:35	06/09/25 13:11	7471B	
7440-02-0	Nickel	7.20		1	0.13	0.48	1.93	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7440-09-7	Potassium	86.3	J	1	26.7	77.1	96.4	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7782-49-2	Selenium	0.77	UN	1	0.25	0.77	0.96	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7440-22-4	Silver	0.24	UN	1	0.12	0.24	0.48	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7440-23-5	Sodium	944		1	17.2	77.1	96.4	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7440-28-0	Thallium	0.96	U	1	0.22	0.96	1.93	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7440-62-2	Vanadium	62.2	N	1	0.24	0.96	1.93	mg/Kg	06/09/25 10:34	06/10/25 19:05	6010D	SW3050
7440-66-6	Zinc	27.2	N	1	0.22	0.48	1.93	mg/Kg	06/09/25 10:34	06/10/25 19:05	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:	06/05/25
Project:	Raymark Superfund Site	Date Received:	06/06/25
Client Sample ID:	OU4-TS-29-060525	SDG No.:	Q2259
Lab Sample ID:	Q2259-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	75.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	15400		1	1.01	4.81	6.01	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7440-36-0	Antimony	0.75	UN	1	0.27	0.75	3.01	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7440-38-2	Arsenic	24.2	N	1	0.23	0.96	1.20	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7440-39-3	Barium	102	N	1	0.88	1.50	6.01	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7440-41-7	Beryllium	0.98	N	1	0.030	0.090	0.36	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7440-43-9	Cadmium	2.67		1	0.029	0.090	0.36	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7440-70-2	Calcium	3800		1	13.3	30.1	120	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7440-47-3	Chromium	19.7	N	1	0.057	0.15	0.60	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7440-48-4	Cobalt	16.4		1	0.12	0.45	1.80	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7440-50-8	Copper	42.5	N	1	0.27	0.96	1.20	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7439-89-6	Iron	23500		1	4.80	4.81	6.01	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7439-92-1	Lead	28.8		1	0.16	0.58	0.72	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7439-95-4	Magnesium	5310		1	14.4	30.1	120	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7439-96-5	Manganese	453		1	0.17	0.30	1.20	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7439-97-6	Mercury	0.030		1	0.0090	0.013	0.016	mg/Kg	06/09/25 08:35	06/09/25 13:13	7471B	
7440-02-0	Nickel	27.5		1	0.16	0.60	2.41	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7440-09-7	Potassium	5140		1	33.3	96.2	120	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7782-49-2	Selenium	0.96	UN	1	0.31	0.96	1.20	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7440-22-4	Silver	0.30	UN	1	0.14	0.30	0.60	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7440-23-5	Sodium	171		1	21.4	96.2	120	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7440-28-0	Thallium	1.20	U	1	0.28	1.20	2.41	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7440-62-2	Vanadium	34.5	N	1	0.30	1.20	2.41	mg/Kg	06/09/25 10:34	06/10/25 19:10	6010D	SW3050
7440-66-6	Zinc	79.1	N	1	0.28	0.60	2.41	mg/Kg	06/09/25 10:34	06/10/25 19:10	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:	06/05/25
Project:	Raymark Superfund Site	Date Received:	06/06/25
Client Sample ID:	OU4-TS-30-060525	SDG No.:	Q2259
Lab Sample ID:	Q2259-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	79

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	14200		1	0.95	4.52	5.65	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7440-36-0	Antimony	0.71	UN	1	0.25	0.71	2.83	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7440-38-2	Arsenic	24.8	N	1	0.22	0.90	1.13	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7440-39-3	Barium	90.6	N	1	0.83	1.41	5.65	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7440-41-7	Beryllium	0.92	N	1	0.028	0.085	0.34	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7440-43-9	Cadmium	2.50		1	0.027	0.085	0.34	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7440-70-2	Calcium	2890		1	12.5	28.3	113	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7440-47-3	Chromium	18.3	N	1	0.053	0.14	0.56	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7440-48-4	Cobalt	14.6		1	0.11	0.42	1.70	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7440-50-8	Copper	40.9	N	1	0.25	0.90	1.13	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7439-89-6	Iron	21300		1	4.51	4.52	5.65	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7439-92-1	Lead	25.9		1	0.15	0.54	0.68	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7439-95-4	Magnesium	4910		1	13.6	28.3	113	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7439-96-5	Manganese	372		1	0.16	0.28	1.13	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7439-97-6	Mercury	0.040		1	0.010	0.014	0.018	mg/Kg	06/09/25 08:35	06/09/25 13:15	7471B	
7440-02-0	Nickel	25.1		1	0.15	0.56	2.26	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7440-09-7	Potassium	4410		1	31.3	90.4	113	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7782-49-2	Selenium	0.90	UN	1	0.29	0.90	1.13	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7440-22-4	Silver	0.28	UN	1	0.14	0.28	0.56	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7440-23-5	Sodium	138		1	20.1	90.4	113	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7440-28-0	Thallium	1.13	U	1	0.26	1.13	2.26	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7440-62-2	Vanadium	31.3	N	1	0.28	1.13	2.26	mg/Kg	06/09/25 10:34	06/10/25 19:14	6010D	SW3050
7440-66-6	Zinc	69.2	N	1	0.26	0.56	2.26	mg/Kg	06/09/25 10:34	06/10/25 19:14	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



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** Q2259
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q2259 **SAS No.:** Q2259
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
ICV30	Mercury	3.95	4.0	99	90 - 110	CV	06/09/2025	11:34	LB136058

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group **SDG No.:** Q2259
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q2259 **SAS No.:** Q2259
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
CCV13	Mercury	4.79	5.0	96	90 - 110	CV	06/09/2025	11:44	LB136058
CCV14	Mercury	4.63	5.0	93	90 - 110	CV	06/09/2025	12:28	LB136058
CCV15	Mercury	5.22	5.0	104	90 - 110	CV	06/09/2025	12:57	LB136058
CCV16	Mercury	4.52	5.0	90	90 - 110	CV	06/09/2025	13:51	LB136058
CCV17	Mercury	4.68	5.0	94	90 - 110	CV	06/09/2025	14:19	LB136058
CCV18	Mercury	4.83	5.0	97	90 - 110	CV	06/09/2025	14:30	LB136058

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group SDG No.: Q2259
 Contract: NOBI03 Lab Code: CHEM Case No.: Q2259 SAS No.: Q2259
 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	7520	8000	94	90 - 110	P	06/10/2025	14:37	LB136097
	Antimony	4020	4000	100	90 - 110	P	06/10/2025	14:37	LB136097
	Arsenic	3850	4000	96	90 - 110	P	06/10/2025	14:37	LB136097
	Barium	7450	8000	93	90 - 110	P	06/10/2025	14:37	LB136097
	Beryllium	198	200	99	90 - 110	P	06/10/2025	14:37	LB136097
	Cadmium	1920	2000	96	90 - 110	P	06/10/2025	14:37	LB136097
	Calcium	18500	20000	92	90 - 110	P	06/10/2025	14:37	LB136097
	Chromium	794	800	99	90 - 110	P	06/10/2025	14:37	LB136097
	Cobalt	1940	2000	97	90 - 110	P	06/10/2025	14:37	LB136097
	Copper	994	1000	99	90 - 110	P	06/10/2025	14:37	LB136097
	Iron	3770	4000	94	90 - 110	P	06/10/2025	14:37	LB136097
	Lead	3800	4000	95	90 - 110	P	06/10/2025	14:37	LB136097
	Magnesium	18700	20000	93	90 - 110	P	06/10/2025	14:37	LB136097
	Manganese	1860	2000	93	90 - 110	P	06/10/2025	14:37	LB136097
	Nickel	1930	2000	97	90 - 110	P	06/10/2025	14:37	LB136097
	Potassium	21800	20000	109	90 - 110	P	06/10/2025	14:37	LB136097
	Selenium	3880	4000	97	90 - 110	P	06/10/2025	14:37	LB136097
	Silver	978	1000	98	90 - 110	P	06/10/2025	14:37	LB136097
	Sodium	21900	20000	109	90 - 110	P	06/10/2025	14:37	LB136097
	Thallium	3740	4000	94	90 - 110	P	06/10/2025	14:37	LB136097
	Vanadium	1900	2000	95	90 - 110	P	06/10/2025	14:37	LB136097
	Zinc	1980	2000	99	90 - 110	P	06/10/2025	14:37	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group SDG No.: Q2259
 Contract: NOBI03 Lab Code: CHEM Case No.: Q2259 SAS No.: Q2259
 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	110	100	110	80 - 120	P	06/10/2025	14:41	LB136097
	Antimony	55.0	50.0	110	80 - 120	P	06/10/2025	14:41	LB136097
	Arsenic	21.2	20.0	106	80 - 120	P	06/10/2025	14:41	LB136097
	Barium	101	100	101	80 - 120	P	06/10/2025	14:41	LB136097
	Beryllium	6.23	6.0	104	80 - 120	P	06/10/2025	14:41	LB136097
	Cadmium	6.31	6.0	105	80 - 120	P	06/10/2025	14:41	LB136097
	Calcium	2040	2000	102	80 - 120	P	06/10/2025	14:41	LB136097
	Chromium	10.8	10.0	108	80 - 120	P	06/10/2025	14:41	LB136097
	Cobalt	30.5	30.0	102	80 - 120	P	06/10/2025	14:41	LB136097
	Copper	22.6	20.0	113	80 - 120	P	06/10/2025	14:41	LB136097
	Iron	108	100	108	80 - 120	P	06/10/2025	14:41	LB136097
	Lead	12.8	12.0	107	80 - 120	P	06/10/2025	14:41	LB136097
	Magnesium	2030	2000	102	80 - 120	P	06/10/2025	14:41	LB136097
	Manganese	21.1	20.0	106	80 - 120	P	06/10/2025	14:41	LB136097
	Nickel	41.6	40.0	104	80 - 120	P	06/10/2025	14:41	LB136097
	Potassium	1960	2000	98	80 - 120	P	06/10/2025	14:41	LB136097
	Selenium	19.7	20.0	98	80 - 120	P	06/10/2025	14:41	LB136097
	Silver	10.5	10.0	105	80 - 120	P	06/10/2025	14:41	LB136097
	Sodium	1920	2000	96	80 - 120	P	06/10/2025	14:41	LB136097
	Thallium	41.3	40.0	103	80 - 120	P	06/10/2025	14:41	LB136097
	Vanadium	38.7	40.0	97	80 - 120	P	06/10/2025	14:41	LB136097
	Zinc	43.7	40.0	109	80 - 120	P	06/10/2025	14:41	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group SDG No.: Q2259
 Contract: NOBI03 Lab Code: CHEM Case No.: Q2259 SAS No.: Q2259
 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	06/10/2025	15:30	LB136097
	Antimony	5060	5000	101	90 - 110	P	06/10/2025	15:30	LB136097
	Arsenic	5050	5000	101	90 - 110	P	06/10/2025	15:30	LB136097
	Barium	9840	10000	98	90 - 110	P	06/10/2025	15:30	LB136097
	Beryllium	262	250	105	90 - 110	P	06/10/2025	15:30	LB136097
	Cadmium	2510	2500	100	90 - 110	P	06/10/2025	15:30	LB136097
	Calcium	24900	25000	100	90 - 110	P	06/10/2025	15:30	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	15:30	LB136097
	Cobalt	2500	2500	100	90 - 110	P	06/10/2025	15:30	LB136097
	Copper	1270	1250	101	90 - 110	P	06/10/2025	15:30	LB136097
	Iron	4860	5000	97	90 - 110	P	06/10/2025	15:30	LB136097
	Lead	5030	5000	100	90 - 110	P	06/10/2025	15:30	LB136097
	Magnesium	25000	25000	100	90 - 110	P	06/10/2025	15:30	LB136097
	Manganese	2480	2500	99	90 - 110	P	06/10/2025	15:30	LB136097
	Nickel	2510	2500	100	90 - 110	P	06/10/2025	15:30	LB136097
	Potassium	24200	25000	97	90 - 110	P	06/10/2025	15:30	LB136097
	Selenium	5080	5000	102	90 - 110	P	06/10/2025	15:30	LB136097
	Silver	1270	1250	101	90 - 110	P	06/10/2025	15:30	LB136097
	Sodium	24100	25000	96	90 - 110	P	06/10/2025	15:30	LB136097
	Thallium	5100	5000	102	90 - 110	P	06/10/2025	15:30	LB136097
	Vanadium	2510	2500	100	90 - 110	P	06/10/2025	15:30	LB136097
	Zinc	2560	2500	102	90 - 110	P	06/10/2025	15:30	LB136097
CCV02	Aluminum	10000	10000	100	90 - 110	P	06/10/2025	16:28	LB136097
	Antimony	5040	5000	101	90 - 110	P	06/10/2025	16:28	LB136097
	Arsenic	5070	5000	101	90 - 110	P	06/10/2025	16:28	LB136097
	Barium	9830	10000	98	90 - 110	P	06/10/2025	16:28	LB136097
	Beryllium	261	250	104	90 - 110	P	06/10/2025	16:28	LB136097
	Cadmium	2540	2500	102	90 - 110	P	06/10/2025	16:28	LB136097
	Calcium	24900	25000	100	90 - 110	P	06/10/2025	16:28	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	16:28	LB136097
	Cobalt	2530	2500	101	90 - 110	P	06/10/2025	16:28	LB136097
	Copper	1280	1250	102	90 - 110	P	06/10/2025	16:28	LB136097
	Iron	4930	5000	99	90 - 110	P	06/10/2025	16:28	LB136097
	Lead	5070	5000	101	90 - 110	P	06/10/2025	16:28	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group SDG No.: Q2259
 Contract: NOBI03 Lab Code: CHEM Case No.: Q2259 SAS No.: Q2259
 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	25000	25000	100	90 - 110	P	06/10/2025	16:28	LB136097
	Manganese	2460	2500	98	90 - 110	P	06/10/2025	16:28	LB136097
	Nickel	2540	2500	101	90 - 110	P	06/10/2025	16:28	LB136097
	Potassium	24500	25000	98	90 - 110	P	06/10/2025	16:28	LB136097
	Selenium	5100	5000	102	90 - 110	P	06/10/2025	16:28	LB136097
	Silver	1270	1250	102	90 - 110	P	06/10/2025	16:28	LB136097
	Sodium	24400	25000	97	90 - 110	P	06/10/2025	16:28	LB136097
	Thallium	5070	5000	101	90 - 110	P	06/10/2025	16:28	LB136097
	Vanadium	2510	2500	100	90 - 110	P	06/10/2025	16:28	LB136097
	Zinc	2570	2500	103	90 - 110	P	06/10/2025	16:28	LB136097
CCV03	Aluminum	9930	10000	99	90 - 110	P	06/10/2025	17:36	LB136097
	Antimony	5110	5000	102	90 - 110	P	06/10/2025	17:36	LB136097
	Arsenic	5130	5000	103	90 - 110	P	06/10/2025	17:36	LB136097
	Barium	10200	10000	102	90 - 110	P	06/10/2025	17:36	LB136097
	Beryllium	243	250	97	90 - 110	P	06/10/2025	17:36	LB136097
	Cadmium	2540	2500	102	90 - 110	P	06/10/2025	17:36	LB136097
	Calcium	25000	25000	100	90 - 110	P	06/10/2025	17:36	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	17:36	LB136097
	Cobalt	2530	2500	101	90 - 110	P	06/10/2025	17:36	LB136097
	Copper	1280	1250	102	90 - 110	P	06/10/2025	17:36	LB136097
	Iron	5390	5000	108	90 - 110	P	06/10/2025	17:36	LB136097
	Lead	5080	5000	102	90 - 110	P	06/10/2025	17:36	LB136097
	Magnesium	24700	25000	99	90 - 110	P	06/10/2025	17:36	LB136097
	Manganese	2500	2500	100	90 - 110	P	06/10/2025	17:36	LB136097
	Nickel	2540	2500	102	90 - 110	P	06/10/2025	17:36	LB136097
	Potassium	26400	25000	105	90 - 110	P	06/10/2025	17:36	LB136097
	Selenium	5140	5000	103	90 - 110	P	06/10/2025	17:36	LB136097
	Silver	1280	1250	103	90 - 110	P	06/10/2025	17:36	LB136097
	Sodium	26700	25000	107	90 - 110	P	06/10/2025	17:36	LB136097
	Thallium	4990	5000	100	90 - 110	P	06/10/2025	17:36	LB136097
	Vanadium	2540	2500	101	90 - 110	P	06/10/2025	17:36	LB136097
	Zinc	2580	2500	103	90 - 110	P	06/10/2025	17:36	LB136097
CCV04	Aluminum	9910	10000	99	90 - 110	P	06/10/2025	18:28	LB136097
	Antimony	5130	5000	103	90 - 110	P	06/10/2025	18:28	LB136097

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group SDG No.: Q2259
 Contract: NOBI03 Lab Code: CHEM Case No.: Q2259 SAS No.: Q2259
 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	5200	5000	104	90 - 110	P	06/10/2025	18:28	LB136097
	Barium	10300	10000	103	90 - 110	P	06/10/2025	18:28	LB136097
	Beryllium	246	250	99	90 - 110	P	06/10/2025	18:28	LB136097
	Cadmium	2580	2500	103	90 - 110	P	06/10/2025	18:28	LB136097
	Calcium	25200	25000	101	90 - 110	P	06/10/2025	18:28	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	18:28	LB136097
	Cobalt	2560	2500	102	90 - 110	P	06/10/2025	18:28	LB136097
	Copper	1290	1250	103	90 - 110	P	06/10/2025	18:28	LB136097
	Iron	5420	5000	108	90 - 110	P	06/10/2025	18:28	LB136097
	Lead	5160	5000	103	90 - 110	P	06/10/2025	18:28	LB136097
	Magnesium	24800	25000	99	90 - 110	P	06/10/2025	18:28	LB136097
	Manganese	2510	2500	100	90 - 110	P	06/10/2025	18:28	LB136097
	Nickel	2570	2500	103	90 - 110	P	06/10/2025	18:28	LB136097
	Potassium	25900	25000	104	90 - 110	P	06/10/2025	18:28	LB136097
	Selenium	5220	5000	104	90 - 110	P	06/10/2025	18:28	LB136097
	Silver	1290	1250	103	90 - 110	P	06/10/2025	18:28	LB136097
	Sodium	26000	25000	104	90 - 110	P	06/10/2025	18:28	LB136097
	Thallium	5110	5000	102	90 - 110	P	06/10/2025	18:28	LB136097
	Vanadium	2550	2500	102	90 - 110	P	06/10/2025	18:28	LB136097
	Zinc	2540	2500	101	90 - 110	P	06/10/2025	18:28	LB136097
CCV05	Aluminum	9840	10000	98	90 - 110	P	06/10/2025	19:18	LB136097
	Antimony	5120	5000	102	90 - 110	P	06/10/2025	19:18	LB136097
	Arsenic	5170	5000	103	90 - 110	P	06/10/2025	19:18	LB136097
	Barium	10200	10000	102	90 - 110	P	06/10/2025	19:18	LB136097
	Beryllium	243	250	97	90 - 110	P	06/10/2025	19:18	LB136097
	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	19:18	LB136097
	Calcium	24900	25000	100	90 - 110	P	06/10/2025	19:18	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	19:18	LB136097
	Cobalt	2530	2500	101	90 - 110	P	06/10/2025	19:18	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	19:18	LB136097
	Iron	5340	5000	107	90 - 110	P	06/10/2025	19:18	LB136097
	Lead	5090	5000	102	90 - 110	P	06/10/2025	19:18	LB136097
	Magnesium	24400	25000	98	90 - 110	P	06/10/2025	19:18	LB136097
	Manganese	2490	2500	100	90 - 110	P	06/10/2025	19:18	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group SDG No.: Q2259
 Contract: NOBI03 Lab Code: CHEM Case No.: Q2259 SAS No.: Q2259
 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	2540	2500	102	90 - 110	P	06/10/2025	19:18	LB136097
	Potassium	25200	25000	101	90 - 110	P	06/10/2025	19:18	LB136097
	Selenium	5190	5000	104	90 - 110	P	06/10/2025	19:18	LB136097
	Silver	1260	1250	101	90 - 110	P	06/10/2025	19:18	LB136097
	Sodium	25200	25000	101	90 - 110	P	06/10/2025	19:18	LB136097
	Thallium	5000	5000	100	90 - 110	P	06/10/2025	19:18	LB136097
	Vanadium	2540	2500	102	90 - 110	P	06/10/2025	19:18	LB136097
	Zinc	2510	2500	100	90 - 110	P	06/10/2025	19:18	LB136097
CCV06	Aluminum	10100	10000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Antimony	5120	5000	102	90 - 110	P	06/10/2025	20:09	LB136097
	Arsenic	5160	5000	103	90 - 110	P	06/10/2025	20:09	LB136097
	Barium	9960	10000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Beryllium	262	250	105	90 - 110	P	06/10/2025	20:09	LB136097
	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	20:09	LB136097
	Calcium	25100	25000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	20:09	LB136097
	Cobalt	2540	2500	102	90 - 110	P	06/10/2025	20:09	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	20:09	LB136097
	Iron	5150	5000	103	90 - 110	P	06/10/2025	20:09	LB136097
	Lead	5110	5000	102	90 - 110	P	06/10/2025	20:09	LB136097
	Magnesium	25000	25000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Manganese	2500	2500	100	90 - 110	P	06/10/2025	20:09	LB136097
	Nickel	2550	2500	102	90 - 110	P	06/10/2025	20:09	LB136097
	Potassium	24100	25000	96	90 - 110	P	06/10/2025	20:09	LB136097
	Selenium	5190	5000	104	90 - 110	P	06/10/2025	20:09	LB136097
	Silver	1290	1250	103	90 - 110	P	06/10/2025	20:09	LB136097
	Sodium	23800	25000	95	90 - 110	P	06/10/2025	20:09	LB136097
	Thallium	5010	5000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Vanadium	2560	2500	102	90 - 110	P	06/10/2025	20:09	LB136097
	Zinc	2570	2500	103	90 - 110	P	06/10/2025	20:09	LB136097
CCV07	Aluminum	10100	10000	101	90 - 110	P	06/10/2025	21:04	LB136097
	Antimony	5160	5000	103	90 - 110	P	06/10/2025	21:04	LB136097
	Arsenic	5230	5000	104	90 - 110	P	06/10/2025	21:04	LB136097
	Barium	10100	10000	101	90 - 110	P	06/10/2025	21:04	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group SDG No.: Q2259
Contract: NOBI03 Lab Code: CHEM Case No.: Q2259 SAS No.: Q2259
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	261	250	104	90 - 110	P	06/10/2025	21:04	LB136097
	Cadmium	2600	2500	104	90 - 110	P	06/10/2025	21:04	LB136097
	Calcium	25600	25000	102	90 - 110	P	06/10/2025	21:04	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	21:04	LB136097
	Cobalt	2590	2500	103	90 - 110	P	06/10/2025	21:04	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	21:04	LB136097
	Iron	5190	5000	104	90 - 110	P	06/10/2025	21:04	LB136097
	Lead	5210	5000	104	90 - 110	P	06/10/2025	21:04	LB136097
	Magnesium	25400	25000	102	90 - 110	P	06/10/2025	21:04	LB136097
	Manganese	2550	2500	102	90 - 110	P	06/10/2025	21:04	LB136097
	Nickel	2590	2500	104	90 - 110	P	06/10/2025	21:04	LB136097
	Potassium	23600	25000	94	90 - 110	P	06/10/2025	21:04	LB136097
	Selenium	5230	5000	105	90 - 110	P	06/10/2025	21:04	LB136097
	Silver	1280	1250	102	90 - 110	P	06/10/2025	21:04	LB136097
	Sodium	23500	25000	94	90 - 110	P	06/10/2025	21:04	LB136097
	Thallium	5090	5000	102	90 - 110	P	06/10/2025	21:04	LB136097
	Vanadium	2590	2500	104	90 - 110	P	06/10/2025	21:04	LB136097
	Zinc	2540	2500	102	90 - 110	P	06/10/2025	21:04	LB136097
CCV08	Aluminum	10100	10000	101	90 - 110	P	06/10/2025	22:04	LB136097
	Antimony	5200	5000	104	90 - 110	P	06/10/2025	22:04	LB136097
	Arsenic	5240	5000	105	90 - 110	P	06/10/2025	22:04	LB136097
	Barium	10100	10000	101	90 - 110	P	06/10/2025	22:04	LB136097
	Beryllium	262	250	105	90 - 110	P	06/10/2025	22:04	LB136097
	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	22:04	LB136097
	Calcium	25400	25000	101	90 - 110	P	06/10/2025	22:04	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	22:04	LB136097
	Cobalt	2560	2500	102	90 - 110	P	06/10/2025	22:04	LB136097
	Copper	1280	1250	103	90 - 110	P	06/10/2025	22:04	LB136097
	Iron	5140	5000	103	90 - 110	P	06/10/2025	22:04	LB136097
	Lead	5130	5000	102	90 - 110	P	06/10/2025	22:04	LB136097
	Magnesium	25300	25000	101	90 - 110	P	06/10/2025	22:04	LB136097
	Manganese	2540	2500	102	90 - 110	P	06/10/2025	22:04	LB136097
	Nickel	2560	2500	103	90 - 110	P	06/10/2025	22:04	LB136097
	Potassium	23500	25000	94	90 - 110	P	06/10/2025	22:04	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group SDG No.: Q2259
 Contract: NOBI03 Lab Code: CHEM Case No.: Q2259 SAS No.: Q2259
 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	5280	5000	106	90 - 110	P	06/10/2025	22:04	LB136097
	Silver	1280	1250	102	90 - 110	P	06/10/2025	22:04	LB136097
	Sodium	23400	25000	94	90 - 110	P	06/10/2025	22:04	LB136097
	Thallium	5010	5000	100	90 - 110	P	06/10/2025	22:04	LB136097
	Vanadium	2580	2500	103	90 - 110	P	06/10/2025	22:04	LB136097
	Zinc	2550	2500	102	90 - 110	P	06/10/2025	22:04	LB136097
CCV09	Aluminum	10000	10000	100	90 - 110	P	06/10/2025	22:56	LB136097
	Antimony	5110	5000	102	90 - 110	P	06/10/2025	22:56	LB136097
	Arsenic	5150	5000	103	90 - 110	P	06/10/2025	22:56	LB136097
	Barium	10100	10000	101	90 - 110	P	06/10/2025	22:56	LB136097
	Beryllium	260	250	104	90 - 110	P	06/10/2025	22:56	LB136097
	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	22:56	LB136097
	Calcium	25100	25000	101	90 - 110	P	06/10/2025	22:56	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	22:56	LB136097
	Cobalt	2550	2500	102	90 - 110	P	06/10/2025	22:56	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	22:56	LB136097
	Iron	5160	5000	103	90 - 110	P	06/10/2025	22:56	LB136097
	Lead	5100	5000	102	90 - 110	P	06/10/2025	22:56	LB136097
	Magnesium	25000	25000	100	90 - 110	P	06/10/2025	22:56	LB136097
	Manganese	2510	2500	100	90 - 110	P	06/10/2025	22:56	LB136097
	Nickel	2560	2500	102	90 - 110	P	06/10/2025	22:56	LB136097
	Potassium	24100	25000	96	90 - 110	P	06/10/2025	22:56	LB136097
	Selenium	5180	5000	104	90 - 110	P	06/10/2025	22:56	LB136097
	Silver	1290	1250	103	90 - 110	P	06/10/2025	22:56	LB136097
	Sodium	23900	25000	96	90 - 110	P	06/10/2025	22:56	LB136097
	Thallium	5020	5000	100	90 - 110	P	06/10/2025	22:56	LB136097
	Vanadium	2540	2500	102	90 - 110	P	06/10/2025	22:56	LB136097
	Zinc	2580	2500	103	90 - 110	P	06/10/2025	22:56	LB136097
CCV10	Aluminum	10200	10000	102	90 - 110	P	06/10/2025	23:57	LB136097
	Antimony	5170	5000	103	90 - 110	P	06/10/2025	23:57	LB136097
	Arsenic	5180	5000	104	90 - 110	P	06/10/2025	23:57	LB136097
	Barium	10000	10000	100	90 - 110	P	06/10/2025	23:57	LB136097
	Beryllium	264	250	106	90 - 110	P	06/10/2025	23:57	LB136097
	Cadmium	2540	2500	102	90 - 110	P	06/10/2025	23:57	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group SDG No.: Q2259
Contract: NOBI03 Lab Code: CHEM Case No.: Q2259 SAS No.: Q2259
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
CCV10	Calcium	25400	25000	102	90 - 110	P	06/10/2025	23:57	LB136097
	Chromium	1060	1000	106	90 - 110	P	06/10/2025	23:57	LB136097
	Cobalt	2550	2500	102	90 - 110	P	06/10/2025	23:57	LB136097
	Copper	1280	1250	102	90 - 110	P	06/10/2025	23:57	LB136097
	Iron	5200	5000	104	90 - 110	P	06/10/2025	23:57	LB136097
	Lead	5100	5000	102	90 - 110	P	06/10/2025	23:57	LB136097
	Magnesium	25400	25000	102	90 - 110	P	06/10/2025	23:57	LB136097
	Manganese	2530	2500	101	90 - 110	P	06/10/2025	23:57	LB136097
	Nickel	2560	2500	102	90 - 110	P	06/10/2025	23:57	LB136097
	Potassium	24000	25000	96	90 - 110	P	06/10/2025	23:57	LB136097
	Selenium	5230	5000	105	90 - 110	P	06/10/2025	23:57	LB136097
	Silver	1310	1250	104	90 - 110	P	06/10/2025	23:57	LB136097
	Sodium	23600	25000	94	90 - 110	P	06/10/2025	23:57	LB136097
	Thallium	4940	5000	99	90 - 110	P	06/10/2025	23:57	LB136097
	Vanadium	2570	2500	103	90 - 110	P	06/10/2025	23:57	LB136097
	Zinc	2630	2500	105	90 - 110	P	06/10/2025	23:57	LB136097
CCV11	Aluminum	10200	10000	102	90 - 110	P	06/11/2025	01:35	LB136097
	Antimony	5240	5000	105	90 - 110	P	06/11/2025	01:35	LB136097
	Arsenic	5280	5000	106	90 - 110	P	06/11/2025	01:35	LB136097
	Barium	10100	10000	101	90 - 110	P	06/11/2025	01:35	LB136097
	Beryllium	259	250	104	90 - 110	P	06/11/2025	01:35	LB136097
	Cadmium	2570	2500	103	90 - 110	P	06/11/2025	01:35	LB136097
	Calcium	25100	25000	100	90 - 110	P	06/11/2025	01:35	LB136097
	Chromium	1040	1000	104	90 - 110	P	06/11/2025	01:35	LB136097
	Cobalt	2580	2500	103	90 - 110	P	06/11/2025	01:35	LB136097
	Copper	1290	1250	103	90 - 110	P	06/11/2025	01:35	LB136097
	Iron	5060	5000	101	90 - 110	P	06/11/2025	01:35	LB136097
	Lead	5160	5000	103	90 - 110	P	06/11/2025	01:35	LB136097
	Magnesium	24900	25000	100	90 - 110	P	06/11/2025	01:35	LB136097
	Manganese	2520	2500	101	90 - 110	P	06/11/2025	01:35	LB136097
	Nickel	2590	2500	104	90 - 110	P	06/11/2025	01:35	LB136097
	Potassium	23800	25000	95	90 - 110	P	06/11/2025	01:35	LB136097
	Selenium	5320	5000	106	90 - 110	P	06/11/2025	01:35	LB136097
	Silver	1280	1250	103	90 - 110	P	06/11/2025	01:35	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group SDG No.: Q2259
 Contract: NOBI03 Lab Code: CHEM Case No.: Q2259 SAS No.: Q2259
 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
CCV11	Sodium	23700	25000	95	90 - 110	P	06/11/2025	01:35	LB136097
	Thallium	4950	5000	99	90 - 110	P	06/11/2025	01:35	LB136097
	Vanadium	2560	2500	102	90 - 110	P	06/11/2025	01:35	LB136097
	Zinc	2600	2500	104	90 - 110	P	06/11/2025	01:35	LB136097
CCV12	Aluminum	10200	10000	102	90 - 110	P	06/11/2025	02:21	LB136097
	Antimony	4840	5000	97	90 - 110	P	06/11/2025	02:21	LB136097
	Arsenic	4850	5000	97	90 - 110	P	06/11/2025	02:21	LB136097
	Barium	10000	10000	100	90 - 110	P	06/11/2025	02:21	LB136097
	Beryllium	264	250	105	90 - 110	P	06/11/2025	02:21	LB136097
	Cadmium	2400	2500	96	90 - 110	P	06/11/2025	02:21	LB136097
	Calcium	24900	25000	99	90 - 110	P	06/11/2025	02:21	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/11/2025	02:21	LB136097
	Cobalt	2420	2500	97	90 - 110	P	06/11/2025	02:21	LB136097
	Copper	1200	1250	96	90 - 110	P	06/11/2025	02:21	LB136097
	Iron	4930	5000	99	90 - 110	P	06/11/2025	02:21	LB136097
	Lead	4810	5000	96	90 - 110	P	06/11/2025	02:21	LB136097
	Magnesium	24900	25000	100	90 - 110	P	06/11/2025	02:21	LB136097
	Manganese	2490	2500	100	90 - 110	P	06/11/2025	02:21	LB136097
	Nickel	2420	2500	97	90 - 110	P	06/11/2025	02:21	LB136097
	Potassium	23100	25000	92	90 - 110	P	06/11/2025	02:21	LB136097
	Selenium	4880	5000	98	90 - 110	P	06/11/2025	02:21	LB136097
	Silver	1280	1250	102	90 - 110	P	06/11/2025	02:21	LB136097
	Sodium	22800	25000	91	90 - 110	P	06/11/2025	02:21	LB136097
	Thallium	4660	5000	93	90 - 110	P	06/11/2025	02:21	LB136097
	Vanadium	2530	2500	101	90 - 110	P	06/11/2025	02:21	LB136097
	Zinc	2590	2500	104	90 - 110	P	06/11/2025	02:21	LB136097

Metals

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CRDL STANDARD FOR AA & ICP

Client: Nobis Group **SDG No.:** Q2259
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q2259 **SAS No.:** Q2259
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
CRA	Mercury	0.22	0.2	112	70 - 130	CV	06/09/2025	11:48	LB136058
CRI01	Aluminum	105	100	105	65 - 135	P	06/10/2025	14:50	LB136097
	Antimony	53.3	50.0	107	65 - 135	P	06/10/2025	14:50	LB136097
	Arsenic	22.9	20.0	114	65 - 135	P	06/10/2025	14:50	LB136097
	Barium	98.7	100	99	65 - 135	P	06/10/2025	14:50	LB136097
	Beryllium	6.22	6.0	104	65 - 135	P	06/10/2025	14:50	LB136097
	Cadmium	6.07	6.0	101	65 - 135	P	06/10/2025	14:50	LB136097
	Calcium	2030	2000	102	65 - 135	P	06/10/2025	14:50	LB136097
	Chromium	10.7	10.0	107	65 - 135	P	06/10/2025	14:50	LB136097
	Cobalt	30.4	30.0	102	65 - 135	P	06/10/2025	14:50	LB136097
	Copper	22.7	20.0	114	65 - 135	P	06/10/2025	14:50	LB136097
	Iron	111	100	111	65 - 135	P	06/10/2025	14:50	LB136097
	Lead	13.4	12.0	112	65 - 135	P	06/10/2025	14:50	LB136097
	Magnesium	2040	2000	102	65 - 135	P	06/10/2025	14:50	LB136097
	Manganese	21.0	20.0	105	65 - 135	P	06/10/2025	14:50	LB136097
	Nickel	40.8	40.0	102	65 - 135	P	06/10/2025	14:50	LB136097
	Potassium	1990	2000	99	65 - 135	P	06/10/2025	14:50	LB136097
	Selenium	19.5	20.0	98	65 - 135	P	06/10/2025	14:50	LB136097
	Silver	10.6	10.0	106	65 - 135	P	06/10/2025	14:50	LB136097
	Sodium	1890	2000	95	65 - 135	P	06/10/2025	14:50	LB136097
	Thallium	40.8	40.0	102	65 - 135	P	06/10/2025	14:50	LB136097
	Vanadium	39.1	40.0	98	65 - 135	P	06/10/2025	14:50	LB136097
	Zinc	44.1	40.0	110	65 - 135	P	06/10/2025	14:50	LB136097



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

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	Nobis Group				SDG No.:	Q2259				
Contract:	NOBI03	Lab Code:	CHEM	Case No.:	Q2259	SAS No.:	Q2259			
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB30	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	06/09/2025	11:36	LB136058

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group **SDG No.:** Q2259
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q2259 **SAS No.:** Q2259

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB13	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	06/09/2025	11:46	LB136058
CCB14	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	06/09/2025	12:30	LB136058
CCB15	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	06/09/2025	12:59	LB136058
CCB16	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	06/09/2025	13:53	LB136058
CCB17	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	06/09/2025	14:21	LB136058
CCB18	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	06/09/2025	14:33	LB136058

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group **SDG No.:** Q2259
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q2259 **SAS No.:** Q2259

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	06/10/2025	14:45	LB136097
	Antimony	6.76	+/-25	U	12.5	50.0	P	06/10/2025	14:45	LB136097
	Arsenic	5.12	+/-10	U	15.0	20.0	P	06/10/2025	14:45	LB136097
	Barium	14.6	+/-50	U	25.0	100	P	06/10/2025	14:45	LB136097
	Beryllium	0.56	+/-3	U	1.50	6.00	P	06/10/2025	14:45	LB136097
	Cadmium	0.50	+/-3	U	1.50	6.00	P	06/10/2025	14:45	LB136097
	Calcium	234	+/-1000	U	500	2000	P	06/10/2025	14:45	LB136097
	Chromium	2.12	+/-5	U	5.00	10.0	P	06/10/2025	14:45	LB136097
	Cobalt	2.26	+/-15	U	7.50	30.0	P	06/10/2025	14:45	LB136097
	Copper	4.60	+/-10	U	16.0	20.0	P	06/10/2025	14:45	LB136097
	Iron	23.4	+/-50	U	80.0	100	P	06/10/2025	14:45	LB136097
	Lead	2.30	+/-6	U	9.60	12.0	P	06/10/2025	14:45	LB136097
	Magnesium	244	+/-1000	U	500	2000	P	06/10/2025	14:45	LB136097
	Manganese	5.94	+/-10	U	15.0	20.0	P	06/10/2025	14:45	LB136097
	Nickel	3.06	+/-20	U	10.0	40.0	P	06/10/2025	14:45	LB136097
	Potassium	918	+/-1000	U	1600	2000	P	06/10/2025	14:45	LB136097
	Selenium	9.64	+/-10	U	16.0	20.0	P	06/10/2025	14:45	LB136097
	Silver	1.62	+/-5	U	5.00	10.0	P	06/10/2025	14:45	LB136097
	Sodium	868	+/-1000	U	1000	2000	P	06/10/2025	14:45	LB136097
	Thallium	4.38	+/-20	U	20.0	40.0	P	06/10/2025	14:45	LB136097
	Vanadium	6.26	+/-20	U	20.0	40.0	P	06/10/2025	14:45	LB136097
	Zinc	16.7	+/-20	U	15.0	40.0	P	06/10/2025	14:45	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Nobis Group</u>		SDG No.: <u>Q2259</u>								
Contract: <u>NOBI03</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q2259</u>			SAS No.: <u>Q2259</u>					
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	06/10/2025	15:35	LB136097
	Antimony	6.76	+/-25	U	12.5	50.0	P	06/10/2025	15:35	LB136097
	Arsenic	5.12	+/-10	U	15.0	20.0	P	06/10/2025	15:35	LB136097
	Barium	14.6	+/-50	U	25.0	100	P	06/10/2025	15:35	LB136097
	Beryllium	0.56	+/-3	U	1.50	6.00	P	06/10/2025	15:35	LB136097
	Cadmium	0.50	+/-3	U	1.50	6.00	P	06/10/2025	15:35	LB136097
	Calcium	234	+/-1000	U	500	2000	P	06/10/2025	15:35	LB136097
	Chromium	2.12	+/-5	U	5.00	10.0	P	06/10/2025	15:35	LB136097
	Cobalt	2.26	+/-15	U	7.50	30.0	P	06/10/2025	15:35	LB136097
	Copper	4.60	+/-10	U	16.0	20.0	P	06/10/2025	15:35	LB136097
	Iron	23.4	+/-50	U	80.0	100	P	06/10/2025	15:35	LB136097
	Lead	2.30	+/-6	U	9.60	12.0	P	06/10/2025	15:35	LB136097
	Magnesium	244	+/-1000	U	500	2000	P	06/10/2025	15:35	LB136097
	Manganese	5.94	+/-10	U	15.0	20.0	P	06/10/2025	15:35	LB136097
	Nickel	3.06	+/-20	U	10.0	40.0	P	06/10/2025	15:35	LB136097
	Potassium	918	+/-1000	U	1600	2000	P	06/10/2025	15:35	LB136097
	Selenium	9.64	+/-10	U	16.0	20.0	P	06/10/2025	15:35	LB136097
	Silver	1.62	+/-5	U	5.00	10.0	P	06/10/2025	15:35	LB136097
	Sodium	868	+/-1000	U	1000	2000	P	06/10/2025	15:35	LB136097
	Thallium	4.38	+/-20	U	20.0	40.0	P	06/10/2025	15:35	LB136097
	Vanadium	6.26	+/-20	U	20.0	40.0	P	06/10/2025	15:35	LB136097
	Zinc	16.7	+/-20	U	15.0	40.0	P	06/10/2025	15:35	LB136097
CCB02	Aluminum	11.3	+/-50	U	80.0	100	P	06/10/2025	16:32	LB136097
	Antimony	6.76	+/-25	U	12.5	50.0	P	06/10/2025	16:32	LB136097
	Arsenic	5.12	+/-10	U	15.0	20.0	P	06/10/2025	16:32	LB136097
	Barium	14.6	+/-50	U	25.0	100	P	06/10/2025	16:32	LB136097
	Beryllium	0.56	+/-3	U	1.50	6.00	P	06/10/2025	16:32	LB136097
	Cadmium	0.50	+/-3	U	1.50	6.00	P	06/10/2025	16:32	LB136097
	Calcium	234	+/-1000	U	500	2000	P	06/10/2025	16:32	LB136097
	Chromium	2.12	+/-5	U	5.00	10.0	P	06/10/2025	16:32	LB136097
	Cobalt	2.26	+/-15	U	7.50	30.0	P	06/10/2025	16:32	LB136097
	Copper	4.60	+/-10	U	16.0	20.0	P	06/10/2025	16:32	LB136097
	Iron	23.4	+/-50	U	80.0	100	P	06/10/2025	16:32	LB136097
	Lead	2.30	+/-6	U	9.60	12.0	P	06/10/2025	16:32	LB136097
	Magnesium	244	+/-1000	U	500	2000	P	06/10/2025	16:32	LB136097
	Manganese	5.94	+/-10	U	15.0	20.0	P	06/10/2025	16:32	LB136097
	Nickel	3.06	+/-20	U	10.0	40.0	P	06/10/2025	16:32	LB136097
	Potassium	918	+/-1000	U	1600	2000	P	06/10/2025	16:32	LB136097
	Selenium	9.64	+/-10	U	16.0	20.0	P	06/10/2025	16:32	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group **SDG No.:** Q2259
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q2259 **SAS No.:** Q2259

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	06/10/2025	16:32	LB136097
	Sodium	868	+/-1000	U	1000	2000	P	06/10/2025	16:32	LB136097
	Thallium	4.38	+/-20	U	20.0	40.0	P	06/10/2025	16:32	LB136097
	Vanadium	6.26	+/-20	U	20.0	40.0	P	06/10/2025	16:32	LB136097
	Zinc	16.7	+/-20	U	15.0	40.0	P	06/10/2025	16:32	LB136097
CCB03	Aluminum	11.3	+/-50	U	80.0	100	P	06/10/2025	17:40	LB136097
	Antimony	6.76	+/-25	U	12.5	50.0	P	06/10/2025	17:40	LB136097
	Arsenic	5.12	+/-10	U	15.0	20.0	P	06/10/2025	17:40	LB136097
	Barium	14.6	+/-50	U	25.0	100	P	06/10/2025	17:40	LB136097
	Beryllium	0.56	+/-3	U	1.50	6.00	P	06/10/2025	17:40	LB136097
	Cadmium	0.50	+/-3	U	1.50	6.00	P	06/10/2025	17:40	LB136097
	Calcium	234	+/-1000	U	500	2000	P	06/10/2025	17:40	LB136097
	Chromium	2.12	+/-5	U	5.00	10.0	P	06/10/2025	17:40	LB136097
	Cobalt	2.26	+/-15	U	7.50	30.0	P	06/10/2025	17:40	LB136097
	Copper	4.60	+/-10	U	16.0	20.0	P	06/10/2025	17:40	LB136097
	Iron	23.4	+/-50	U	80.0	100	P	06/10/2025	17:40	LB136097
	Lead	2.30	+/-6	U	9.60	12.0	P	06/10/2025	17:40	LB136097
	Magnesium	244	+/-1000	U	500	2000	P	06/10/2025	17:40	LB136097
	Manganese	5.94	+/-10	U	15.0	20.0	P	06/10/2025	17:40	LB136097
	Nickel	3.06	+/-20	U	10.0	40.0	P	06/10/2025	17:40	LB136097
	Potassium	918	+/-1000	U	1600	2000	P	06/10/2025	17:40	LB136097
	Selenium	9.64	+/-10	U	16.0	20.0	P	06/10/2025	17:40	LB136097
	Silver	1.62	+/-5	U	5.00	10.0	P	06/10/2025	17:40	LB136097
	Sodium	868	+/-1000	U	1000	2000	P	06/10/2025	17:40	LB136097
	Thallium	4.38	+/-20	U	20.0	40.0	P	06/10/2025	17:40	LB136097
	Vanadium	6.26	+/-20	U	20.0	40.0	P	06/10/2025	17:40	LB136097
	Zinc	16.7	+/-20	U	15.0	40.0	P	06/10/2025	17:40	LB136097
CCB04	Aluminum	11.3	+/-50	U	80.0	100	P	06/10/2025	18:32	LB136097
	Antimony	6.76	+/-25	U	12.5	50.0	P	06/10/2025	18:32	LB136097
	Arsenic	5.12	+/-10	U	15.0	20.0	P	06/10/2025	18:32	LB136097
	Barium	14.6	+/-50	U	25.0	100	P	06/10/2025	18:32	LB136097
	Beryllium	0.56	+/-3	U	1.50	6.00	P	06/10/2025	18:32	LB136097
	Cadmium	0.50	+/-3	U	1.50	6.00	P	06/10/2025	18:32	LB136097
	Calcium	234	+/-1000	U	500	2000	P	06/10/2025	18:32	LB136097
	Chromium	2.12	+/-5	U	5.00	10.0	P	06/10/2025	18:32	LB136097
	Cobalt	2.26	+/-15	U	7.50	30.0	P	06/10/2025	18:32	LB136097
	Copper	4.60	+/-10	U	16.0	20.0	P	06/10/2025	18:32	LB136097
	Iron	23.4	+/-50	U	80.0	100	P	06/10/2025	18:32	LB136097
	Lead	2.30	+/-6	U	9.60	12.0	P	06/10/2025	18:32	LB136097

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Client:	Nobis Group		SDG No.:	Q2259	
Contract:	NOBI03	Lab Code:	CHEM	Case No.:	Q2259
				SAS No.:	Q2259

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	06/10/2025	18:32	LB136097
	Manganese	5.94	+/-10	U	15.0	20.0	P	06/10/2025	18:32	LB136097
	Nickel	3.06	+/-20	U	10.0	40.0	P	06/10/2025	18:32	LB136097
	Potassium	918	+/-1000	U	1600	2000	P	06/10/2025	18:32	LB136097
	Selenium	9.64	+/-10	U	16.0	20.0	P	06/10/2025	18:32	LB136097
	Silver	1.62	+/-5	U	5.00	10.0	P	06/10/2025	18:32	LB136097
	Sodium	868	+/-1000	U	1000	2000	P	06/10/2025	18:32	LB136097
	Thallium	4.38	+/-20	U	20.0	40.0	P	06/10/2025	18:32	LB136097
	Vanadium	6.26	+/-20	U	20.0	40.0	P	06/10/2025	18:32	LB136097
	Zinc	16.7	+/-20	U	15.0	40.0	P	06/10/2025	18:32	LB136097
CCB05	Aluminum	11.3	+/-50	U	80.0	100	P	06/10/2025	19:22	LB136097
	Antimony	6.76	+/-25	U	12.5	50.0	P	06/10/2025	19:22	LB136097
	Arsenic	5.12	+/-10	U	15.0	20.0	P	06/10/2025	19:22	LB136097
	Barium	14.6	+/-50	U	25.0	100	P	06/10/2025	19:22	LB136097
	Beryllium	0.56	+/-3	U	1.50	6.00	P	06/10/2025	19:22	LB136097
	Cadmium	0.50	+/-3	U	1.50	6.00	P	06/10/2025	19:22	LB136097
	Calcium	234	+/-1000	U	500	2000	P	06/10/2025	19:22	LB136097
	Chromium	2.12	+/-5	U	5.00	10.0	P	06/10/2025	19:22	LB136097
	Cobalt	2.26	+/-15	U	7.50	30.0	P	06/10/2025	19:22	LB136097
	Copper	4.60	+/-10	U	16.0	20.0	P	06/10/2025	19:22	LB136097
	Iron	23.4	+/-50	U	80.0	100	P	06/10/2025	19:22	LB136097
	Lead	2.30	+/-6	U	9.60	12.0	P	06/10/2025	19:22	LB136097
	Magnesium	244	+/-1000	U	500	2000	P	06/10/2025	19:22	LB136097
	Manganese	5.94	+/-10	U	15.0	20.0	P	06/10/2025	19:22	LB136097
	Nickel	3.06	+/-20	U	10.0	40.0	P	06/10/2025	19:22	LB136097
	Potassium	918	+/-1000	U	1600	2000	P	06/10/2025	19:22	LB136097
	Selenium	9.64	+/-10	U	16.0	20.0	P	06/10/2025	19:22	LB136097
	Silver	1.62	+/-5	U	5.00	10.0	P	06/10/2025	19:22	LB136097
	Sodium	868	+/-1000	U	1000	2000	P	06/10/2025	19:22	LB136097
	Thallium	4.38	+/-20	U	20.0	40.0	P	06/10/2025	19:22	LB136097
Vanadium	6.26	+/-20	U	20.0	40.0	P	06/10/2025	19:22	LB136097	
Zinc	16.7	+/-20	U	15.0	40.0	P	06/10/2025	19:22	LB136097	
CCB06	Aluminum	11.3	+/-50	U	80.0	100	P	06/10/2025	20:14	LB136097
	Antimony	6.76	+/-25	U	12.5	50.0	P	06/10/2025	20:14	LB136097
	Arsenic	5.12	+/-10	U	15.0	20.0	P	06/10/2025	20:14	LB136097
	Barium	14.6	+/-50	U	25.0	100	P	06/10/2025	20:14	LB136097
	Beryllium	0.56	+/-3	U	1.50	6.00	P	06/10/2025	20:14	LB136097
	Cadmium	0.50	+/-3	U	1.50	6.00	P	06/10/2025	20:14	LB136097
	Calcium	234	+/-1000	U	500	2000	P	06/10/2025	20:14	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Nobis Group</u>		SDG No.: <u>Q2259</u>								
Contract: <u>NOBI03</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q2259</u>			SAS No.: <u>Q2259</u>					
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	06/10/2025	20:14	LB136097
	Cobalt	2.26	+/-15	U	7.50	30.0	P	06/10/2025	20:14	LB136097
	Copper	4.60	+/-10	U	16.0	20.0	P	06/10/2025	20:14	LB136097
	Iron	23.4	+/-50	U	80.0	100	P	06/10/2025	20:14	LB136097
	Lead	2.30	+/-6	U	9.60	12.0	P	06/10/2025	20:14	LB136097
	Magnesium	244	+/-1000	U	500	2000	P	06/10/2025	20:14	LB136097
	Manganese	5.94	+/-10	U	15.0	20.0	P	06/10/2025	20:14	LB136097
	Nickel	3.06	+/-20	U	10.0	40.0	P	06/10/2025	20:14	LB136097
	Potassium	918	+/-1000	U	1600	2000	P	06/10/2025	20:14	LB136097
	Selenium	9.64	+/-10	U	16.0	20.0	P	06/10/2025	20:14	LB136097
	Silver	1.62	+/-5	U	5.00	10.0	P	06/10/2025	20:14	LB136097
	Sodium	868	+/-1000	U	1000	2000	P	06/10/2025	20:14	LB136097
	Thallium	4.38	+/-20	U	20.0	40.0	P	06/10/2025	20:14	LB136097
	Vanadium	6.26	+/-20	U	20.0	40.0	P	06/10/2025	20:14	LB136097
	Zinc	16.7	+/-20	U	15.0	40.0	P	06/10/2025	20:14	LB136097
CCB07	Aluminum	11.3	+/-50	U	80.0	100	P	06/10/2025	21:08	LB136097
	Antimony	6.76	+/-25	U	12.5	50.0	P	06/10/2025	21:08	LB136097
	Arsenic	5.12	+/-10	U	15.0	20.0	P	06/10/2025	21:08	LB136097
	Barium	14.6	+/-50	U	25.0	100	P	06/10/2025	21:08	LB136097
	Beryllium	0.56	+/-3	U	1.50	6.00	P	06/10/2025	21:08	LB136097
	Cadmium	0.50	+/-3	U	1.50	6.00	P	06/10/2025	21:08	LB136097
	Calcium	234	+/-1000	U	500	2000	P	06/10/2025	21:08	LB136097
	Chromium	2.12	+/-5	U	5.00	10.0	P	06/10/2025	21:08	LB136097
	Cobalt	2.26	+/-15	U	7.50	30.0	P	06/10/2025	21:08	LB136097
	Copper	4.60	+/-10	U	16.0	20.0	P	06/10/2025	21:08	LB136097
	Iron	23.4	+/-50	U	80.0	100	P	06/10/2025	21:08	LB136097
	Lead	2.30	+/-6	U	9.60	12.0	P	06/10/2025	21:08	LB136097
	Magnesium	244	+/-1000	U	500	2000	P	06/10/2025	21:08	LB136097
	Manganese	5.94	+/-10	U	15.0	20.0	P	06/10/2025	21:08	LB136097
	Nickel	3.06	+/-20	U	10.0	40.0	P	06/10/2025	21:08	LB136097
	Potassium	918	+/-1000	U	1600	2000	P	06/10/2025	21:08	LB136097
	Selenium	9.64	+/-10	U	16.0	20.0	P	06/10/2025	21:08	LB136097
	Silver	1.62	+/-5	U	5.00	10.0	P	06/10/2025	21:08	LB136097
	Sodium	868	+/-1000	U	1000	2000	P	06/10/2025	21:08	LB136097
	Thallium	4.38	+/-20	U	20.0	40.0	P	06/10/2025	21:08	LB136097
	Vanadium	6.26	+/-20	U	20.0	40.0	P	06/10/2025	21:08	LB136097
	Zinc	16.7	+/-20	U	15.0	40.0	P	06/10/2025	21:08	LB136097
CCB08	Aluminum	11.3	+/-50	U	80.0	100	P	06/10/2025	22:08	LB136097
	Antimony	6.76	+/-25	U	12.5	50.0	P	06/10/2025	22:08	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group		SDG No.: Q2259								
Contract:	NOBI03	Lab Code:	CHEM	Case No.:	Q2259	SAS No.:	Q2259			
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	06/10/2025	22:08	LB136097
	Barium	14.6	+/-50	U	25.0	100	P	06/10/2025	22:08	LB136097
	Beryllium	0.56	+/-3	U	1.50	6.00	P	06/10/2025	22:08	LB136097
	Cadmium	0.50	+/-3	U	1.50	6.00	P	06/10/2025	22:08	LB136097
	Calcium	234	+/-1000	U	500	2000	P	06/10/2025	22:08	LB136097
	Chromium	2.12	+/-5	U	5.00	10.0	P	06/10/2025	22:08	LB136097
	Cobalt	2.26	+/-15	U	7.50	30.0	P	06/10/2025	22:08	LB136097
	Copper	4.60	+/-10	U	16.0	20.0	P	06/10/2025	22:08	LB136097
	Iron	23.4	+/-50	U	80.0	100	P	06/10/2025	22:08	LB136097
	Lead	2.30	+/-6	U	9.60	12.0	P	06/10/2025	22:08	LB136097
	Magnesium	244	+/-1000	U	500	2000	P	06/10/2025	22:08	LB136097
	Manganese	5.94	+/-10	U	15.0	20.0	P	06/10/2025	22:08	LB136097
	Nickel	3.06	+/-20	U	10.0	40.0	P	06/10/2025	22:08	LB136097
	Potassium	918	+/-1000	U	1600	2000	P	06/10/2025	22:08	LB136097
	Selenium	9.64	+/-10	U	16.0	20.0	P	06/10/2025	22:08	LB136097
	Silver	1.62	+/-5	U	5.00	10.0	P	06/10/2025	22:08	LB136097
	Sodium	868	+/-1000	U	1000	2000	P	06/10/2025	22:08	LB136097
	Thallium	4.38	+/-20	U	20.0	40.0	P	06/10/2025	22:08	LB136097
	Vanadium	6.26	+/-20	U	20.0	40.0	P	06/10/2025	22:08	LB136097
	Zinc	16.7	+/-20	U	15.0	40.0	P	06/10/2025	22:08	LB136097
CCB09	Aluminum	11.3	+/-50	U	80.0	100	P	06/10/2025	23:01	LB136097
	Antimony	6.76	+/-25	U	12.5	50.0	P	06/10/2025	23:01	LB136097
	Arsenic	5.12	+/-10	U	15.0	20.0	P	06/10/2025	23:01	LB136097
	Barium	14.6	+/-50	U	25.0	100	P	06/10/2025	23:01	LB136097
	Beryllium	0.56	+/-3	U	1.50	6.00	P	06/10/2025	23:01	LB136097
	Cadmium	0.50	+/-3	U	1.50	6.00	P	06/10/2025	23:01	LB136097
	Calcium	234	+/-1000	U	500	2000	P	06/10/2025	23:01	LB136097
	Chromium	2.12	+/-5	U	5.00	10.0	P	06/10/2025	23:01	LB136097
	Cobalt	2.26	+/-15	U	7.50	30.0	P	06/10/2025	23:01	LB136097
	Copper	4.60	+/-10	U	16.0	20.0	P	06/10/2025	23:01	LB136097
	Iron	23.4	+/-50	U	80.0	100	P	06/10/2025	23:01	LB136097
	Lead	2.30	+/-6	U	9.60	12.0	P	06/10/2025	23:01	LB136097
	Magnesium	244	+/-1000	U	500	2000	P	06/10/2025	23:01	LB136097
	Manganese	5.94	+/-10	U	15.0	20.0	P	06/10/2025	23:01	LB136097
	Nickel	3.06	+/-20	U	10.0	40.0	P	06/10/2025	23:01	LB136097
	Potassium	918	+/-1000	U	1600	2000	P	06/10/2025	23:01	LB136097
	Selenium	9.64	+/-10	U	16.0	20.0	P	06/10/2025	23:01	LB136097
	Silver	1.62	+/-5	U	5.00	10.0	P	06/10/2025	23:01	LB136097
	Sodium	868	+/-1000	U	1000	2000	P	06/10/2025	23:01	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group		SDG No.: Q2259								
Contract:	NOBI03	Lab Code:	CHEM	Case No.: Q2259		SAS No.: Q2259				
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	20.0	40.0	P	06/10/2025	23:01	LB136097
	Vanadium	6.26	+/-20	U	20.0	40.0	P	06/10/2025	23:01	LB136097
	Zinc	16.7	+/-20	U	15.0	40.0	P	06/10/2025	23:01	LB136097
CCB10	Aluminum	11.3	+/-50	U	80.0	100	P	06/11/2025	00:02	LB136097
	Antimony	6.76	+/-25	U	12.5	50.0	P	06/11/2025	00:02	LB136097
	Arsenic	5.12	+/-10	U	15.0	20.0	P	06/11/2025	00:02	LB136097
	Barium	14.6	+/-50	U	25.0	100	P	06/11/2025	00:02	LB136097
	Beryllium	0.56	+/-3	U	1.50	6.00	P	06/11/2025	00:02	LB136097
	Cadmium	0.50	+/-3	U	1.50	6.00	P	06/11/2025	00:02	LB136097
	Calcium	234	+/-1000	U	500	2000	P	06/11/2025	00:02	LB136097
	Chromium	2.12	+/-5	U	5.00	10.0	P	06/11/2025	00:02	LB136097
	Cobalt	2.26	+/-15	U	7.50	30.0	P	06/11/2025	00:02	LB136097
	Copper	4.60	+/-10	U	16.0	20.0	P	06/11/2025	00:02	LB136097
	Iron	23.4	+/-50	U	80.0	100	P	06/11/2025	00:02	LB136097
	Lead	2.30	+/-6	U	9.60	12.0	P	06/11/2025	00:02	LB136097
	Magnesium	244	+/-1000	U	500	2000	P	06/11/2025	00:02	LB136097
	Manganese	5.94	+/-10	U	15.0	20.0	P	06/11/2025	00:02	LB136097
	Nickel	3.06	+/-20	U	10.0	40.0	P	06/11/2025	00:02	LB136097
	Potassium	918	+/-1000	U	1600	2000	P	06/11/2025	00:02	LB136097
	Selenium	9.64	+/-10	U	16.0	20.0	P	06/11/2025	00:02	LB136097
	Silver	1.62	+/-5	U	5.00	10.0	P	06/11/2025	00:02	LB136097
	Sodium	868	+/-1000	U	1000	2000	P	06/11/2025	00:02	LB136097
	Thallium	4.38	+/-20	U	20.0	40.0	P	06/11/2025	00:02	LB136097
	Vanadium	6.26	+/-20	U	20.0	40.0	P	06/11/2025	00:02	LB136097
	Zinc	16.7	+/-20	U	15.0	40.0	P	06/11/2025	00:02	LB136097
	Aluminum	11.3	+/-50	U	80.0	100	P	06/11/2025	01:39	LB136097
	Antimony	6.76	+/-25	U	12.5	50.0	P	06/11/2025	01:39	LB136097
	Arsenic	5.12	+/-10	U	15.0	20.0	P	06/11/2025	01:39	LB136097
	Barium	14.6	+/-50	U	25.0	100	P	06/11/2025	01:39	LB136097
	Beryllium	0.56	+/-3	U	1.50	6.00	P	06/11/2025	01:39	LB136097
	Cadmium	0.50	+/-3	U	1.50	6.00	P	06/11/2025	01:39	LB136097
	Calcium	234	+/-1000	U	500	2000	P	06/11/2025	01:39	LB136097
	Chromium	2.12	+/-5	U	5.00	10.0	P	06/11/2025	01:39	LB136097
	Cobalt	2.26	+/-15	U	7.50	30.0	P	06/11/2025	01:39	LB136097
	Copper	4.60	+/-10	U	16.0	20.0	P	06/11/2025	01:39	LB136097
	Iron	23.4	+/-50	U	80.0	100	P	06/11/2025	01:39	LB136097
	Lead	2.30	+/-6	U	9.60	12.0	P	06/11/2025	01:39	LB136097
	Magnesium	244	+/-1000	U	500	2000	P	06/11/2025	01:39	LB136097
	Manganese	5.94	+/-10	U	15.0	20.0	P	06/11/2025	01:39	LB136097

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group **SDG No.:** Q2259
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q2259 **SAS No.:** Q2259

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	10.0	40.0	P	06/11/2025	01:39	LB136097
	Potassium	918	+/-1000	U	1600	2000	P	06/11/2025	01:39	LB136097
	Selenium	9.64	+/-10	U	16.0	20.0	P	06/11/2025	01:39	LB136097
	Silver	1.62	+/-5	U	5.00	10.0	P	06/11/2025	01:39	LB136097
	Sodium	868	+/-1000	U	1000	2000	P	06/11/2025	01:39	LB136097
	Thallium	4.38	+/-20	U	20.0	40.0	P	06/11/2025	01:39	LB136097
	Vanadium	6.26	+/-20	U	20.0	40.0	P	06/11/2025	01:39	LB136097
	Zinc	16.7	+/-20	U	15.0	40.0	P	06/11/2025	01:39	LB136097
CCB12	Aluminum	11.3	+/-50	U	80.0	100	P	06/11/2025	02:25	LB136097
	Antimony	6.76	+/-25	U	12.5	50.0	P	06/11/2025	02:25	LB136097
	Arsenic	5.12	+/-10	U	15.0	20.0	P	06/11/2025	02:25	LB136097
	Barium	14.6	+/-50	U	25.0	100	P	06/11/2025	02:25	LB136097
	Beryllium	0.56	+/-3	U	1.50	6.00	P	06/11/2025	02:25	LB136097
	Cadmium	0.50	+/-3	U	1.50	6.00	P	06/11/2025	02:25	LB136097
	Calcium	234	+/-1000	U	500	2000	P	06/11/2025	02:25	LB136097
	Chromium	2.12	+/-5	U	5.00	10.0	P	06/11/2025	02:25	LB136097
	Cobalt	2.26	+/-15	U	7.50	30.0	P	06/11/2025	02:25	LB136097
	Copper	4.60	+/-10	U	16.0	20.0	P	06/11/2025	02:25	LB136097
	Iron	23.4	+/-50	U	80.0	100	P	06/11/2025	02:25	LB136097
	Lead	2.30	+/-6	U	9.60	12.0	P	06/11/2025	02:25	LB136097
	Magnesium	244	+/-1000	U	500	2000	P	06/11/2025	02:25	LB136097
	Manganese	5.94	+/-10	U	15.0	20.0	P	06/11/2025	02:25	LB136097
	Nickel	3.06	+/-20	U	10.0	40.0	P	06/11/2025	02:25	LB136097
	Potassium	918	+/-1000	U	1600	2000	P	06/11/2025	02:25	LB136097
	Selenium	9.64	+/-10	U	16.0	20.0	P	06/11/2025	02:25	LB136097
	Silver	1.62	+/-5	U	5.00	10.0	P	06/11/2025	02:25	LB136097
	Sodium	868	+/-1000	U	1000	2000	P	06/11/2025	02:25	LB136097
	Thallium	4.38	+/-20	U	20.0	40.0	P	06/11/2025	02:25	LB136097
	Vanadium	6.26	+/-20	U	20.0	40.0	P	06/11/2025	02:25	LB136097
	Zinc	16.7	+/-20	U	15.0	40.0	P	06/11/2025	02:25	LB136097

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2259

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168355BL		SOLID		Batch Number:		PB168355		Prep Date:	06/09/2025	
	Mercury	0.0070	<0.013	U	0.010	0.013	CV	06/09/2025	13:04	LB136058

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2259

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168353BL	SOLID			Batch Number:	PB168353			Prep Date:	06/09/2025	
	Aluminum	0.84	<2.5	U	4.00	5.00	P	06/10/2025	20:05	LB136097
	Antimony	0.22	<1.25	U	0.63	2.50	P	06/10/2025	20:05	LB136097
	Arsenic	0.19	<0.5	U	0.80	1.00	P	06/10/2025	20:05	LB136097
	Barium	0.73	<2.5	U	1.25	5.00	P	06/10/2025	20:05	LB136097
	Beryllium	0.025	<0.15	U	0.075	0.30	P	06/10/2025	20:05	LB136097
	Cadmium	0.024	<0.15	U	0.075	0.30	P	06/10/2025	20:05	LB136097
	Calcium	11.1	<50	U	25.0	100	P	06/10/2025	20:05	LB136097
	Chromium	0.047	<0.25	U	0.13	0.50	P	06/10/2025	20:05	LB136097
	Cobalt	0.10	<0.75	U	0.38	1.50	P	06/10/2025	20:05	LB136097
	Copper	0.22	<0.5	U	0.80	1.00	P	06/10/2025	20:05	LB136097
	Iron	3.99	<2.5	U	4.00	5.00	P	06/10/2025	20:05	LB136097
	Lead	0.13	<0.3	U	0.48	0.60	P	06/10/2025	20:05	LB136097
	Magnesium	12.0	<50	U	25.0	100	P	06/10/2025	20:05	LB136097
	Manganese	0.14	<0.5	U	0.25	1.00	P	06/10/2025	20:05	LB136097
	Nickel	0.13	<1	U	0.50	2.00	P	06/10/2025	20:05	LB136097
	Potassium	27.7	<50	U	80.0	100	P	06/10/2025	20:05	LB136097
	Selenium	0.26	<0.5	U	0.80	1.00	P	06/10/2025	20:05	LB136097
	Silver	0.12	<0.25	U	0.25	0.50	P	06/10/2025	20:05	LB136097
	Sodium	17.8	<50	U	80.0	100	P	06/10/2025	20:05	LB136097
	Thallium	0.23	<1	U	1.00	2.00	P	06/10/2025	20:05	LB136097
	Vanadium	0.25	<1	U	1.00	2.00	P	06/10/2025	20:05	LB136097
	Zinc	0.23	<1	U	0.50	2.00	P	06/10/2025	20:05	LB136097

Metals
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INTERFERENCE CHECK SAMPLE

Client:	<u>Nobis Group</u>	SDG No.:	<u>Q2259</u>
Contract:	<u>NOBI03</u>	Lab Code:	<u>CHEM</u>
ICS Source:	<u>EPA</u>	Case No.:	<u>Q2259</u>
		SAS No.:	<u>Q2259</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	256000	255000	100	216000	294000	06/10/2025	14:54	LB136097
	Antimony	-2.43			-50	50	06/10/2025	14:54	LB136097
	Arsenic	8.34			-20	20	06/10/2025	14:54	LB136097
	Barium	2.84	6.0	47	-94	106	06/10/2025	14:54	LB136097
	Beryllium	1.10			-6	6	06/10/2025	14:54	LB136097
	Cadmium	4.20	1.0	420	-5	7	06/10/2025	14:54	LB136097
	Calcium	239000	245000	98	208000	282000	06/10/2025	14:54	LB136097
	Chromium	47.4	52.0	91	42	62	06/10/2025	14:54	LB136097
	Cobalt	1.54			-30	30	06/10/2025	14:54	LB136097
	Copper	3.36	2.0	168	-18	22	06/10/2025	14:54	LB136097
	Iron	97000	101000	96	85600	116500	06/10/2025	14:54	LB136097
	Lead	-3.62			-12	12	06/10/2025	14:54	LB136097
	Magnesium	261000	255000	102	216000	294000	06/10/2025	14:54	LB136097
	Manganese	0.37	7.0	5	-13	27	06/10/2025	14:54	LB136097
	Nickel	2.57	2.0	128	-38	42	06/10/2025	14:54	LB136097
	Potassium	-7.55			0	0	06/10/2025	14:54	LB136097
	Selenium	-3.79			-20	20	06/10/2025	14:54	LB136097
	Silver	-2.86			-10	10	06/10/2025	14:54	LB136097
	Sodium	-38.2			0	0	06/10/2025	14:54	LB136097
	Thallium	-8.11			-40	40	06/10/2025	14:54	LB136097
	Vanadium	2.60			-40	40	06/10/2025	14:54	LB136097
	Zinc	6.32			-40	40	06/10/2025	14:54	LB136097
ICSAB01	Aluminum	245000	247000	99	209000	285000	06/10/2025	15:18	LB136097
	Antimony	633	618	102	525	711	06/10/2025	15:18	LB136097
	Arsenic	112	104	108	88.4	120	06/10/2025	15:18	LB136097
	Barium	510	537	95	437	637	06/10/2025	15:18	LB136097
	Beryllium	485	495	98	420	570	06/10/2025	15:18	LB136097
	Cadmium	1010	972	104	826	1120	06/10/2025	15:18	LB136097
	Calcium	230000	235000	98	199000	271000	06/10/2025	15:18	LB136097
	Chromium	549	542	101	460	624	06/10/2025	15:18	LB136097
	Cobalt	508	476	107	404	548	06/10/2025	15:18	LB136097
	Copper	496	511	97	434	588	06/10/2025	15:18	LB136097
	Iron	99000	99300	100	84400	114500	06/10/2025	15:18	LB136097
	Lead	43.7	49.0	89	37	61	06/10/2025	15:18	LB136097
	Magnesium	248000	248000	100	210000	286000	06/10/2025	15:18	LB136097
	Manganese	485	507	96	430	584	06/10/2025	15:18	LB136097
	Nickel	999	954	105	810	1100	06/10/2025	15:18	LB136097
	Potassium	-8.47			0	0	06/10/2025	15:18	LB136097
	Selenium	55.8	46.0	121	26	66	06/10/2025	15:18	LB136097
	Silver	193	201	96	170	232	06/10/2025	15:18	LB136097
	Sodium	-49.9			0	0	06/10/2025	15:18	LB136097
	Thallium	92.5	108	86	68	148	06/10/2025	15:18	LB136097

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Nobis Group</u>	SDG No.: <u>Q2259</u>
Contract: <u>NOBI03</u> Lab Code: <u>CHEM</u>	Case No.: <u>Q2259</u> SAS No.: <u>Q2259</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	489	491	100	417	565	06/10/2025	15:18	LB136097
	Zinc	1070	952	112	809	1095	06/10/2025	15:18	LB136097



METAL QC DATA

metals
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MATRIX SPIKE SUMMARY

client:	<u>Nobis Group</u>	level:	<u>low</u>	sdg no.:	<u>Q2259</u>
contract:	<u>NOBI03</u>	lab code:	<u>CHEM</u>	case no.:	<u>Q2259</u>
matrix:	<u>Solid</u>	sample id:	<u>Q2260-01</u>	client id:	<u>TP10-MHG-WCMS</u>
Percent Solids for Sample:	90.6	Spiked ID:	Q2260-01MS	Percent Solids for Spike Sample:	90.6

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	9190		8000		100	1194		P
Antimony	mg/Kg	79 - 114	15.6		2.35	U	41.1	38	N	P
Arsenic	mg/Kg	82 - 111	41.5		6.73		41.1	85		P
Barium	mg/Kg	83 - 113	33.7		25.4		10.3	80	N	P
Beryllium	mg/Kg	83 - 113	9.71		1.13		10.3	83		P
Cadmium	mg/Kg	82 - 113	11.8		1.50		10.3	100		P
Calcium	mg/Kg	81 - 116	1030		916		51.3	218		P
Chromium	mg/Kg	85 - 113	26.9		9.52		20.5	85		P
Cobalt	mg/Kg	85 - 112	22.7		12.4		10.3	100		P
Copper	mg/Kg	81 - 117	25.3		21.5		15.4	25	N	P
Iron	mg/Kg	81 - 118	28200		27600		150	419		P
Lead	mg/Kg	81 - 112	54.4		10.6		51.3	85		P
Magnesium	mg/Kg	78 - 115	767		676		100	92		P
Manganese	mg/Kg	84 - 114	286		275		10.3	106		P
Nickel	mg/Kg	83 - 113	41.0		15.1		25.7	101		P
Potassium	mg/Kg	81 - 116	816		403		510	81		P
Selenium	mg/Kg	78 - 111	72.4		0.94	U	100	72	N	P
Silver	mg/Kg	82 - 112	2.61		0.47	U	3.9	67	N	P
Sodium	mg/Kg	83 - 118	870		686		150	123		P
Thallium	mg/Kg	83 - 111	91.3		1.88	U	100	91		P
Vanadium	mg/Kg	82 - 114	40.7		27.3		15.4	87		P
Zinc	mg/Kg	82 - 113	35.5		32.1		10.3	33	N	P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Nobis Group</u>	level:	<u>low</u>	sdg no.:	<u>Q2259</u>
contract:	<u>NOBI03</u>	lab code:	<u>CHEM</u>	case no.:	<u>Q2259</u>
matrix:	<u>Solid</u>	sample id:	<u>Q2260-01</u>	client id:	<u>TP10-MHG-WCMSD</u>
Percent Solids for Sample:	90.6	Spiked ID:	Q2260-01MSD	Percent Solids for Spike Sample:	90.6

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	9490		8000		97.7	1531		P
Antimony	mg/Kg	79 - 114	14.0		2.35	U	39.1	36	N	P
Arsenic	mg/Kg	82 - 111	38.4		6.73		39.1	81	N	P
Barium	mg/Kg	83 - 113	31.8		25.4		9.8	66	N	P
Beryllium	mg/Kg	83 - 113	9.08		1.13		9.8	81	N	P
Cadmium	mg/Kg	82 - 113	11.2		1.50		9.8	99		P
Calcium	mg/Kg	81 - 116	957		916		48.8	83		P
Chromium	mg/Kg	85 - 113	25.2		9.52		19.5	80	N	P
Cobalt	mg/Kg	85 - 112	21.7		12.4		9.8	94		P
Copper	mg/Kg	81 - 117	23.8		21.5		14.7	15	N	P
Iron	mg/Kg	81 - 118	26000		27600		150	-1061		P
Lead	mg/Kg	81 - 112	51.3		10.6		48.8	83		P
Magnesium	mg/Kg	78 - 115	796		676		97.7	123		P
Manganese	mg/Kg	84 - 114	262		275		9.8	-133		P
Nickel	mg/Kg	83 - 113	39.0		15.1		24.4	98		P
Potassium	mg/Kg	81 - 116	799		403		490	81		P
Selenium	mg/Kg	78 - 111	66.0		0.94	U	97.7	68	N	P
Silver	mg/Kg	82 - 112	2.24		0.47	U	3.7	60	N	P
Sodium	mg/Kg	83 - 118	846		686		150	106		P
Thallium	mg/Kg	83 - 111	85.6		1.88	U	97.7	88		P
Vanadium	mg/Kg	82 - 114	38.1		27.3		14.7	73	N	P
Zinc	mg/Kg	82 - 113	34.2		32.1		9.8	21	N	P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Nobis Group</u>	level: <u>low</u>	sdg no.: <u>Q2259</u>
contract: <u>NOBI03</u>	lab code: <u>CHEM</u>	case no.: <u>Q2259</u> sas no.: <u>Q2259</u>
matrix: <u>Solid</u>	sample id: <u>Q2266-05</u>	client id: <u>WC-5MS</u>
Percent Solids for Sample: 87.6	Spiked ID: Q2266-05MS	Percent Solids for Spike Sample: 87.6

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.26		0.015	U	0.28	93		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Nobis Group **level:** low **sdg no.:** Q2259
contract: NOBI03 **lab code:** CHEM **case no.:** Q2259 **sas no.:** Q2259
matrix: Solid **sample id:** Q2266-05 **client id:** WC-5MSD
Percent Solids for Sample: 87.6 **Spiked ID:** Q2266-05MSD **Percent Solids for Spike Sample:** 87.6

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.27		0.015	U	0.29	92		CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>Nobis Group</u>	SDG No.: <u>Q2259</u>	
Contract: <u>NOBI03</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q2259</u> SAS No.: <u>Q2259</u>
Matrix: <u>Solid</u>	Level: <u>LOW</u>	Client ID: <u>TP10-MHG-WCA</u>
Sample ID: <u>Q2260-01</u>	Spiked ID: <u>Q2260-01A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	79 - 114	28.6		2.35	U	37.6	76	N	P
Arsenic	mg/Kg	82 - 111	36.5		6.73		37.6	79	N	P
Barium	mg/Kg	83 - 113	33.0		25.4		9.40	81	N	P
Beryllium	mg/Kg	83 - 113	8.07		1.13		9.40	74	N	P
Chromium	mg/Kg	85 - 113	24.5		9.52		18.8	80	N	P
Copper	mg/Kg	81 - 117	30.8		21.5		14.1	66	N	P
Selenium	mg/Kg	78 - 111	65.5		0.94	U	93.9	70	N	P
Silver	mg/Kg	82 - 112	2.56		0.47	U	3.50	73	N	P
Vanadium	mg/Kg	82 - 114	38.4		27.3		14.1	78	N	P
Zinc	mg/Kg	82 - 113	38.5		32.1		9.40	68	N	P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Nobis Group **Level:** LOW **SDG No.:** Q2259
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q2259 **SAS No.:** Q2259
Matrix: Solid **Sample ID:** Q2260-01 **Client ID:** TP10-MHG-WCDUP
Percent Solids for Sample: 90.6 **Duplicate ID** Q2260-01DUP **Percent Solids for Spike Sample:** 90.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	8000		8380		5		P
Antimony	mg/Kg	20	2.35	U	2.41	U			P
Arsenic	mg/Kg	20	6.73		6.82		1		P
Barium	mg/Kg	20	25.4		26.2		3		P
Beryllium	mg/Kg	20	1.13		1.19		5		P
Cadmium	mg/Kg	20	1.50		1.48		1		P
Calcium	mg/Kg	20	916		933		2		P
Chromium	mg/Kg	20	9.52		9.69		2		P
Cobalt	mg/Kg	20	12.4		12.7		2		P
Copper	mg/Kg	20	21.5		24.0		11		P
Iron	mg/Kg	20	27600		27700		0		P
Lead	mg/Kg	20	10.6		11.7		9		P
Magnesium	mg/Kg	20	676		704		4		P
Manganese	mg/Kg	20	275		275		0		P
Nickel	mg/Kg	20	15.1		15.9		5		P
Potassium	mg/Kg	20	403		421		4		P
Selenium	mg/Kg	20	0.94	U	0.96	U			P
Silver	mg/Kg	20	0.47	U	0.48	U			P
Sodium	mg/Kg	20	686		703		2		P
Thallium	mg/Kg	20	1.88	U	1.93	U			P
Vanadium	mg/Kg	20	27.3		28.0		3		P
Zinc	mg/Kg	20	32.1		34.6		7		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Nobis Group **Level:** LOW **SDG No.:** Q2259
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q2259 **SAS No.:** Q2259
Matrix: Solid **Sample ID:** Q2260-01MS **Client ID:** TP10-MHG-WCMSD
Percent Solids for Sample: 90.6 **Duplicate ID** Q2260-01MSD **Percent Solids for Spike Sample:** 90.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	9190		9490		3		P
Antimony	mg/Kg	20	15.6		14.0		11		P
Arsenic	mg/Kg	20	41.5		38.4		8		P
Barium	mg/Kg	20	33.7		31.8		6		P
Beryllium	mg/Kg	20	9.71		9.08		7		P
Cadmium	mg/Kg	20	11.8		11.2		5		P
Calcium	mg/Kg	20	1030		957		7		P
Chromium	mg/Kg	20	26.9		25.2		7		P
Cobalt	mg/Kg	20	22.7		21.7		5		P
Copper	mg/Kg	20	25.3		23.8		6		P
Iron	mg/Kg	20	28200		26000		8		P
Lead	mg/Kg	20	54.4		51.3		6		P
Magnesium	mg/Kg	20	767		796		4		P
Manganese	mg/Kg	20	286		262		9		P
Nickel	mg/Kg	20	41.0		39.0		5		P
Potassium	mg/Kg	20	816		799		2		P
Selenium	mg/Kg	20	72.4		66.0		9		P
Silver	mg/Kg	20	2.61		2.24		15		P
Sodium	mg/Kg	20	870		846		3		P
Thallium	mg/Kg	20	91.3		85.6		6		P
Vanadium	mg/Kg	20	40.7		38.1		7		P
Zinc	mg/Kg	20	35.5		34.2		4		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Nobis Group</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2259</u>
Contract:	<u>NOBI03</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2259</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2266-05</u>	Client ID:	<u>WC-5DUP</u>
Percent Solids for Sample:	87.6	Duplicate ID	Q2266-05DUP	Percent Solids for Spike Sample:	87.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.015	U	0.015	U			CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Nobis Group</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2259</u>
Contract:	<u>NOBI03</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2259</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2266-05MS</u>	Client ID:	<u>WC-5MSD</u>
Percent Solids for Sample:	87.6	Duplicate ID	Q2266-05MSD	Percent Solids for Spike Sample:	87.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.26		0.27		2		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Nobis Group **SDG No.:** Q2259
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q2259 **SAS No.:** Q2259

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168353BS							
Aluminum	mg/Kg	100	94.2		94	74 - 119	P
Antimony	mg/Kg	40.0	40.0		100	79 - 114	P
Arsenic	mg/Kg	40.0	39.1		98	82 - 111	P
Barium	mg/Kg	10.0	9.65		96	83 - 113	P
Beryllium	mg/Kg	10.0	9.56		96	83 - 113	P
Cadmium	mg/Kg	10.0	9.86		99	82 - 113	P
Calcium	mg/Kg	50.0	49.2	J	98	81 - 116	P
Chromium	mg/Kg	20.0	20.3		102	85 - 113	P
Cobalt	mg/Kg	10.0	9.88		99	85 - 112	P
Copper	mg/Kg	15.0	15.5		103	81 - 117	P
Iron	mg/Kg	150	156		104	81 - 118	P
Lead	mg/Kg	50.0	48.8		98	81 - 112	P
Magnesium	mg/Kg	100	92.6	J	93	78 - 115	P
Manganese	mg/Kg	10.0	9.91		99	84 - 114	P
Nickel	mg/Kg	25.0	24.9		100	83 - 113	P
Potassium	mg/Kg	500	468		94	81 - 116	P
Selenium	mg/Kg	100	98.7		99	78 - 111	P
Silver	mg/Kg	3.8	3.76		99	82 - 112	P
Sodium	mg/Kg	150	134		89	83 - 118	P
Thallium	mg/Kg	100	98.2		98	83 - 111	P
Vanadium	mg/Kg	15.0	14.6		97	82 - 114	P
Zinc	mg/Kg	10.0	10.4		104	82 - 113	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Nobis Group **SDG No.:** Q2259
Contract: NOBI03 **Lab Code:** CHEM **Case No.:** Q2259 **SAS No.:** Q2259

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168355BS Mercury	mg/Kg	0.27	0.26		97	80 - 124	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

TP10-MHG-WCL

Lab Name: Chemtech Consulting Group

Contract: NOBI03

Lab Code: CHEM Lb No.: lb136097 Lab Sample ID : Q2260-01L SDG No.: Q2259

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	8000		9130		14		P
Antimony	2.35	U	11.7	U			P
Arsenic	6.73		8.82		31		P
Barium	25.4		28.7		13		P
Beryllium	1.13		1.54		37		P
Cadmium	1.50		0.51	J	66		P
Calcium	916		1130		24		P
Chromium	9.52		12.3		29		P
Cobalt	12.4		13.4		7		P
Copper	21.5		22.7		5		P
Iron	27600		34400		24		P
Lead	10.6		8.99		15		P
Magnesium	676		809		20		P
Manganese	275		367		33		P
Nickel	15.1		15.5		3		P
Potassium	403		405	J	0		P
Selenium	0.94	U	4.70	U			P
Silver	0.47	U	2.35	U			P
Sodium	686		709		3		P
Thallium	1.88	U	9.39	U			P
Vanadium	27.3		33.0		21		P
Zinc	32.1		35.4		10		P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

WC-5L

Lab Name: Chemtech Consulting Group **Contract:** NOBI03

Lab Code: CHEM **Lb No.:** lb136058 **Lab Sample ID :** Q2266-05L **SDG No.:** Q2259

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	0.015	U		0.073	U				CV



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Nobis Group

SDG No.: Q2259

Contract: NOBI03

Lab Code: CHEM

Case No.: Q2259

SAS No.: Q2259

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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.: Q2259

Contract: NOBI03

Lab Code: CHEM

Case No.: Q2259

SAS No.: Q2259

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.: Q2259

Contract: NOBI03

Lab Code: CHEM

Case No.: Q2259

SAS No.: Q2259

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 INTERELEMENT CORRECTION FACTORS

Client: Nobis Group

SDG No.: Q2259

Contract: NOBI03

Lab Code: CHEM

Case No.: Q2259

SAS No.: Q2259

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement 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 INTERELEMENT CORRECTION FACTORS

Client: Nobis Group

SDG No.: Q2259

Contract: NOBI03

Lab Code: CHEM

Case No.: Q2259

SAS No.: Q2259

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement 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:	<u>Nobis Group</u>	SDG No.:	<u>Q2259</u>
Contract:	<u>NOBI03</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q2259</u>
		SAS No.:	<u>Q2259</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168353							
PB168353BL	PB168353BL	MB	SOLID	06/09/2025	2.00	100.0	100.00
PB168353BS	PB168353BS	LCS	SOLID	06/09/2025	2.00	100.0	100.00
Q2259-01	OU4-PCS-TC-36-060525	SAM	SOLID	06/09/2025	2.14	100.0	94.30
Q2259-03	OU4-PCS-TC-37-060525	SAM	SOLID	06/09/2025	2.20	100.0	94.30
Q2259-05	OU4-TS-29-060525	SAM	SOLID	06/09/2025	2.20	100.0	75.60
Q2259-06	OU4-TS-30-060525	SAM	SOLID	06/09/2025	2.24	100.0	79.00
Q2260-01DUP	TP10-MHG-WCDUP	DUP	SOLID	06/09/2025	2.29	100.0	90.60
Q2260-01MS	TP10-MHG-WCMS	MS	SOLID	06/09/2025	2.15	100.0	90.60
Q2260-01MSD	TP10-MHG-WCMSD	MSD	SOLID	06/09/2025	2.26	100.0	90.60

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>Nobis Group</u>	SDG No.:	<u>Q2259</u>
Contract:	<u>NOBI03</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q2259</u>
		SAS No.:	<u>Q2259</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168355							
PB168355BL	PB168355BL	MB	SOLID	06/09/2025	0.54	35.0	100.00
PB168355BS	PB168355BS	LCS	SOLID	06/09/2025	0.52	35.0	100.00
Q2259-01	OU4-PCS-TC-36-060525	SAM	SOLID	06/09/2025	0.55	35.0	94.30
Q2259-03	OU4-PCS-TC-37-060525	SAM	SOLID	06/09/2025	0.58	35.0	94.30
Q2259-05	OU4-TS-29-060525	SAM	SOLID	06/09/2025	0.57	35.0	75.60
Q2259-06	OU4-TS-30-060525	SAM	SOLID	06/09/2025	0.50	35.0	79.00
Q2266-05DUP	WC-5DUP	DUP	SOLID	06/09/2025	0.54	35.0	87.60
Q2266-05MS	WC-5MS	MS	SOLID	06/09/2025	0.57	35.0	87.60
Q2266-05MSD	WC-5MSD	MSD	SOLID	06/09/2025	0.55	35.0	87.60

metals
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ANALYSIS RUN LOG

Client: Nobis Group **Contract:** NOBI03

Lab code: CHEM **Case no.:** Q2259 **Sas no.:** Q2259 **Sdg no.:** Q2259

Instrument id number: **Method:** **Run number:** LB136058

Start date: 06/09/2025 **End date:** 06/09/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1112	HG
S0.2	S0.2	1	1114	HG
S2.5	S2.5	1	1117	HG
S5	S5	1	1119	HG
S7.5	S7.5	1	1121	HG
S10	S10	1	1126	HG
ICV30	ICV30	1	1134	HG
ICB30	ICB30	1	1136	HG
CCV13	CCV13	1	1144	HG
CCB13	CCB13	1	1146	HG
CRA	CRA	1	1148	HG
CCV14	CCV14	1	1228	HG
CCB14	CCB14	1	1230	HG
CCV15	CCV15	1	1257	HG
CCB15	CCB15	1	1259	HG
PB168355BL	PB168355BL	1	1304	HG
PB168355BS	PB168355BS	1	1306	HG
Q2259-01	OU4-PCS-TC-36-060525	1	1308	HG
Q2259-03	OU4-PCS-TC-37-060525	1	1311	HG
Q2259-05	OU4-TS-29-060525	1	1313	HG
Q2259-06	OU4-TS-30-060525	1	1315	HG
CCV16	CCV16	1	1351	HG
CCB16	CCB16	1	1353	HG
Q2266-05DUP	WC-5DUP	1	1357	HG
Q2266-05MS	WC-5MS	1	1402	HG
Q2266-05MSD	WC-5MSD	1	1407	HG
Q2266-05L	WC-5L	5	1414	HG
CCV17	CCV17	1	1419	HG
CCB17	CCB17	1	1421	HG
CCV18	CCV18	1	1430	HG
CCB18	CCB18	1	1433	HG

metals
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ANALYSIS RUN LOG

Client: Nobis Group **Contract:** NOBI03

Lab code: CHEM **Case no.:** Q2259 **Sas no.:** Q2259 **Sdg no.:** Q2259

Instrument id number: **Method:** **Run number:** LB136097

Start date: 06/10/2025 **End date:** 06/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1401	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	1405	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	1409	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	1414	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	1418	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	1422	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	1437	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	1441	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	1445	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	1450	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	1454	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	1518	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	1530	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	1535	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	1628	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	1632	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	1736	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	1740	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	1828	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	1832	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2259-03	OU4-PCS-TC-37-060525	1	1905	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2259-05	OU4-TS-29-060525	1	1910	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2259-06	OU4-TS-30-060525	1	1914	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	1918	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	1922	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2260-01DUP	TP10-MHG-WCDUP	1	1944	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2260-01L	TP10-MHG-WCL	5	1948	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2260-01MS	TP10-MHG-WCMS	1	1952	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2260-01MSD	TP10-MHG-WCMSD	1	1957	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2260-01A	TP10-MHG-WCA	1	2001	Ag,As,Ba,Be,Cr,Cu,Sb,Se,V,Zn
PB168353BL	PB168353BL	1	2005	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	2009	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	2014	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168353BS	PB168353BS	1	2022	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2259-01	OU4-PCS-TC-36-060525	1	2026	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	2104	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	2108	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	2204	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	2208	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2256	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2301	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: CHEM **Case no.:** Q2259 **Sas no.:** Q2259 **Sdg no.:** Q2259

Instrument id number: **Method:** **Run number:** LB136097

Start date: 06/10/2025 **End date:** 06/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV10	CCV10	1	2357	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	0002	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	0135	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	0139	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV12	CCV12	1	0221	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB12	CCB12	1	0225	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn