

LAB CHRONICLE

OrderID:	Q2747	OrderDate:	8/1/2025 10:40:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O32,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2747-02	OU4-TS-GRILLO-OG2-073125	Water			07/31/25			08/01/25
			SPLP Mercury	7470A		08/06/25	08/07/25	
			SPLP MetalGroup3	6020B		08/05/25	08/05/25	
Q2747-04	OU4-TS-GRILLO-OG3-073125	Water			07/31/25			08/01/25
			SPLP Mercury	7470A		08/06/25	08/07/25	
			SPLP MetalGroup3	6020B		08/05/25	08/05/25	
Q2747-06	OU4-TS-GRILLO-OG4-073125	Water			07/31/25			08/01/25
			SPLP Mercury	7470A		08/06/25	08/07/25	
			SPLP MetalGroup3	6020B		08/05/25	08/05/25	
Q2747-08	OU4-TS-GRILLO-TSCP 01-073125	Water			07/31/25			08/01/25
			SPLP Mercury	7470A		08/06/25	08/07/25	
			SPLP MetalGroup3	6020B		08/05/25	08/05/25	
Q2747-10	OU4-TS-GRILLO-TSCP 02-073125	Water			07/31/25			08/01/25
			SPLP Mercury	7470A		08/06/25	08/07/25	
			SPLP MetalGroup3	6020B		08/05/25	08/05/25	

Hit Summary Sheet SW-846

SDG No.: Q2747

Order ID: Q2747

Client: Nobis Group

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-GRILLO-OG2-073125									
Q2747-02	OU4-TS-GRILLO-OG2-073125	Water	Arsenic	13.0	D	0.45	1.25	5.00	ug/L
Q2747-02	OU4-TS-GRILLO-OG2-073125	Water	Barium	142	D	1.05	6.25	50.0	ug/L
Q2747-02	OU4-TS-GRILLO-OG2-073125	Water	Chromium	2.40	JD	1.05	3.75	10.0	ug/L
Q2747-02	OU4-TS-GRILLO-OG2-073125	Water	Copper	9.95	JD	1.50	7.50	10.0	ug/L
Q2747-02	OU4-TS-GRILLO-OG2-073125	Water	Lead	3.80	JD	1.05	3.75	5.00	ug/L
Q2747-02	OU4-TS-GRILLO-OG2-073125	Water	Nickel	19.1	D	1.35	3.75	5.00	ug/L
Q2747-02	OU4-TS-GRILLO-OG2-073125	Water	Vanadium	6.00	JD	0.39	1.25	25.0	ug/L
Q2747-02	OU4-TS-GRILLO-OG2-073125	Water	Zinc	1180	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-GRILLO-OG3-073125									
Q2747-04	OU4-TS-GRILLO-OG3-073125	Water	Arsenic	20.9	D	0.45	1.25	5.00	ug/L
Q2747-04	OU4-TS-GRILLO-OG3-073125	Water	Barium	112	D	1.05	6.25	50.0	ug/L
Q2747-04	OU4-TS-GRILLO-OG3-073125	Water	Beryllium	3.55	JD	1.60	3.75	5.00	ug/L
Q2747-04	OU4-TS-GRILLO-OG3-073125	Water	Cadmium	4.75	JD	1.70	2.50	5.00	ug/L
Q2747-04	OU4-TS-GRILLO-OG3-073125	Water	Chromium	10.8	D	1.05	3.75	10.0	ug/L
Q2747-04	OU4-TS-GRILLO-OG3-073125	Water	Copper	20.8	D	1.50	7.50	10.0	ug/L
Q2747-04	OU4-TS-GRILLO-OG3-073125	Water	Lead	17.6	D	1.05	3.75	5.00	ug/L
Q2747-04	OU4-TS-GRILLO-OG3-073125	Water	Nickel	52.4	D	1.35	3.75	5.00	ug/L
Q2747-04	OU4-TS-GRILLO-OG3-073125	Water	Vanadium	36.5	D	0.39	1.25	25.0	ug/L
Q2747-04	OU4-TS-GRILLO-OG3-073125	Water	Zinc	1480	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-GRILLO-OG4-073125									
Q2747-06	OU4-TS-GRILLO-OG4-073125	Water	Arsenic	22.3	D	0.45	1.25	5.00	ug/L
Q2747-06	OU4-TS-GRILLO-OG4-073125	Water	Barium	110	D	1.05	6.25	50.0	ug/L
Q2747-06	OU4-TS-GRILLO-OG4-073125	Water	Beryllium	3.80	JD	1.60	3.75	5.00	ug/L
Q2747-06	OU4-TS-GRILLO-OG4-073125	Water	Cadmium	4.20	JD	1.70	2.50	5.00	ug/L
Q2747-06	OU4-TS-GRILLO-OG4-073125	Water	Chromium	10.1	D	1.05	3.75	10.0	ug/L
Q2747-06	OU4-TS-GRILLO-OG4-073125	Water	Copper	21.4	D	1.50	7.50	10.0	ug/L
Q2747-06	OU4-TS-GRILLO-OG4-073125	Water	Lead	18.8	D	1.05	3.75	5.00	ug/L
Q2747-06	OU4-TS-GRILLO-OG4-073125	Water	Nickel	53.0	D	1.35	3.75	5.00	ug/L
Q2747-06	OU4-TS-GRILLO-OG4-073125	Water	Mercury	0.17	J	0.076	0.16	0.20	ug/L
Q2747-06	OU4-TS-GRILLO-OG4-073125	Water	Vanadium	37.8	D	0.39	1.25	25.0	ug/L
Q2747-06	OU4-TS-GRILLO-OG4-073125	Water	Zinc	1580	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-GRILLO-TSCP01-073125									
Q2747-08	OU4-TS-GRILLO-TSCP01-0731	Water	Arsenic	21.3	D	0.45	1.25	5.00	ug/L
Q2747-08	OU4-TS-GRILLO-TSCP01-0731	Water	Barium	178	D	1.05	6.25	50.0	ug/L
Q2747-08	OU4-TS-GRILLO-TSCP01-0731	Water	Beryllium	1.60	JD	1.60	3.75	5.00	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q2747

Order ID: Q2747

Client: Nobis Group

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2747-08	OU4-TS-GRILLO-TSCP01-0731	Water	Cadmium	4.45	JD	1.70	2.50	5.00	ug/L
Q2747-08	OU4-TS-GRILLO-TSCP01-0731	Water	Chromium	2.90	JD	1.05	3.75	10.0	ug/L
Q2747-08	OU4-TS-GRILLO-TSCP01-0731	Water	Copper	13.3	D	1.50	7.50	10.0	ug/L
Q2747-08	OU4-TS-GRILLO-TSCP01-0731	Water	Lead	9.85	D	1.05	3.75	5.00	ug/L
Q2747-08	OU4-TS-GRILLO-TSCP01-0731	Water	Nickel	20.8	D	1.35	3.75	5.00	ug/L
Q2747-08	OU4-TS-GRILLO-TSCP01-0731	Water	Vanadium	7.75	JD	0.39	1.25	25.0	ug/L
Q2747-08	OU4-TS-GRILLO-TSCP01-0731	Water	Zinc	1510	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-GRILLO-TSCP02-073125									
Q2747-10	OU4-TS-GRILLO-TSCP02-0731	Water	Arsenic	19.7	D	0.45	1.25	5.00	ug/L
Q2747-10	OU4-TS-GRILLO-TSCP02-0731	Water	Barium	113	D	1.05	6.25	50.0	ug/L
Q2747-10	OU4-TS-GRILLO-TSCP02-0731	Water	Beryllium	7.60	D	1.60	3.75	5.00	ug/L
Q2747-10	OU4-TS-GRILLO-TSCP02-0731	Water	Cadmium	7.65	D	1.70	2.50	5.00	ug/L
Q2747-10	OU4-TS-GRILLO-TSCP02-0731	Water	Chromium	11.5	D	1.05	3.75	10.0	ug/L
Q2747-10	OU4-TS-GRILLO-TSCP02-0731	Water	Copper	68.6	D	1.50	7.50	10.0	ug/L
Q2747-10	OU4-TS-GRILLO-TSCP02-0731	Water	Lead	48.8	D	1.05	3.75	5.00	ug/L
Q2747-10	OU4-TS-GRILLO-TSCP02-0731	Water	Nickel	45.5	D	1.35	3.75	5.00	ug/L
Q2747-10	OU4-TS-GRILLO-TSCP02-0731	Water	Vanadium	82.9	D	0.39	1.25	25.0	ug/L
Q2747-10	OU4-TS-GRILLO-TSCP02-0731	Water	Zinc	1680	D	6.25	7.50	25.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	Nobis Group	Date Collected:	07/31/25
Project:	Raymark Superfund Site	Date Received:	08/01/25
Client Sample ID:	OU4-TS-GRILLO-OG2-073125	SDG No.:	Q2747
Lab Sample ID:	Q2747-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UDN5		0.55	1.25	10.0	ug/L	08/05/25 12:30	08/05/25 17:09	6020B	3010A
7440-38-2	Arsenic	13.0	DN*5		0.45	1.25	5.00	ug/L	08/05/25 12:30	08/05/25 17:09	6020B	3010A
7440-39-3	Barium	142	DN 5		1.05	6.25	50.0	ug/L	08/05/25 12:30	08/05/25 17:09	6020B	3010A
7440-41-7	Beryllium	3.75	UD 5		1.60	3.75	5.00	ug/L	08/05/25 12:30	08/05/25 17:09	6020B	3010A
7440-43-9	Cadmium	2.50	UD 5		1.70	2.50	5.00	ug/L	08/05/25 12:30	08/05/25 17:09	6020B	3010A
7440-47-3	Chromium	2.40	JDN 5		1.05	3.75	10.0	ug/L	08/05/25 12:30	08/05/25 17:09	6020B	3010A
7440-50-8	Copper	9.95	JD 5		1.50	7.50	10.0	ug/L	08/05/25 12:30	08/05/25 17:09	6020B	3010A
7439-92-1	Lead	3.80	JD 5		1.05	3.75	5.00	ug/L	08/05/25 12:30	08/05/25 17:09	6020B	3010A
7439-97-6	Mercury	0.16	U 1		0.076	0.16	0.20	ug/L	08/06/25 12:30	08/07/25 10:12	7470A	
7440-02-0	Nickel	19.1	D 5		1.35	3.75	5.00	ug/L	08/05/25 12:30	08/05/25 17:09	6020B	3010A
7782-49-2	Selenium	22.5	UD 5		14.5	22.5	25.0	ug/L	08/05/25 12:30	08/05/25 17:09	6020B	3010A
7440-22-4	Silver	2.50	UDN5		0.30	2.50	5.00	ug/L	08/05/25 12:30	08/05/25 17:09	6020B	3010A
7440-28-0	Thallium	2.50	UDN5		0.30	2.50	5.00	ug/L	08/05/25 12:30	08/05/25 17:09	6020B	3010A
7440-62-2	Vanadium	6.00	JDN 5		0.39	1.25	25.0	ug/L	08/05/25 12:30	08/05/25 17:09	6020B	3010A
7440-66-6	Zinc	1180	DN 5		6.25	7.50	25.0	ug/L	08/05/25 12:30	08/05/25 17:09	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP Mercury			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/31/25
Project:	Raymark Superfund Site	Date Received:	08/01/25
Client Sample ID:	OU4-TS-GRILLO-OG3-073125	SDG No.:	Q2747
Lab Sample ID:	Q2747-04	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UDN5		0.55	1.25	10.0	ug/L	08/05/25 12:30	08/05/25 17:12	6020B	3010A
7440-38-2	Arsenic	20.9	DN*5		0.45	1.25	5.00	ug/L	08/05/25 12:30	08/05/25 17:12	6020B	3010A
7440-39-3	Barium	112	DN 5		1.05	6.25	50.0	ug/L	08/05/25 12:30	08/05/25 17:12	6020B	3010A
7440-41-7	Beryllium	3.55	JD 5		1.60	3.75	5.00	ug/L	08/05/25 12:30	08/05/25 17:12	6020B	3010A
7440-43-9	Cadmium	4.75	JD 5		1.70	2.50	5.00	ug/L	08/05/25 12:30	08/05/25 17:12	6020B	3010A
7440-47-3	Chromium	10.8	DN 5		1.05	3.75	10.0	ug/L	08/05/25 12:30	08/05/25 17:12	6020B	3010A
7440-50-8	Copper	20.8	D 5		1.50	7.50	10.0	ug/L	08/05/25 12:30	08/05/25 17:12	6020B	3010A
7439-92-1	Lead	17.6	D 5		1.05	3.75	5.00	ug/L	08/05/25 12:30	08/05/25 17:12	6020B	3010A
7439-97-6	Mercury	0.16	U 1		0.076	0.16	0.20	ug/L	08/06/25 12:30	08/07/25 10:14	7470A	
7440-02-0	Nickel	52.4	D 5		1.35	3.75	5.00	ug/L	08/05/25 12:30	08/05/25 17:12	6020B	3010A
7782-49-2	Selenium	22.5	UD 5		14.5	22.5	25.0	ug/L	08/05/25 12:30	08/05/25 17:12	6020B	3010A
7440-22-4	Silver	2.50	UDN5		0.30	2.50	5.00	ug/L	08/05/25 12:30	08/05/25 17:12	6020B	3010A
7440-28-0	Thallium	2.50	UDN5		0.30	2.50	5.00	ug/L	08/05/25 12:30	08/05/25 17:12	6020B	3010A
7440-62-2	Vanadium	36.5	DN 5		0.39	1.25	25.0	ug/L	08/05/25 12:30	08/05/25 17:12	6020B	3010A
7440-66-6	Zinc	1480	DN 5		6.25	7.50	25.0	ug/L	08/05/25 12:30	08/05/25 17:12	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP Mercury			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/31/25
Project:	Raymark Superfund Site	Date Received:	08/01/25
Client Sample ID:	OU4-TS-GRILLO-OG4-073125	SDG No.:	Q2747
Lab Sample ID:	Q2747-06	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UDN5		0.55	1.25	10.0	ug/L	08/05/25 12:30	08/05/25 17:15	6020B	3010A
7440-38-2	Arsenic	22.3	DN*5		0.45	1.25	5.00	ug/L	08/05/25 12:30	08/05/25 17:15	6020B	3010A
7440-39-3	Barium	110	DN 5		1.05	6.25	50.0	ug/L	08/05/25 12:30	08/05/25 17:15	6020B	3010A
7440-41-7	Beryllium	3.80	JD 5		1.60	3.75	5.00	ug/L	08/05/25 12:30	08/05/25 17:15	6020B	3010A
7440-43-9	Cadmium	4.20	JD 5		1.70	2.50	5.00	ug/L	08/05/25 12:30	08/05/25 17:15	6020B	3010A
7440-47-3	Chromium	10.1	DN 5		1.05	3.75	10.0	ug/L	08/05/25 12:30	08/05/25 17:15	6020B	3010A
7440-50-8	Copper	21.4	D 5		1.50	7.50	10.0	ug/L	08/05/25 12:30	08/05/25 17:15	6020B	3010A
7439-92-1	Lead	18.8	D 5		1.05	3.75	5.00	ug/L	08/05/25 12:30	08/05/25 17:15	6020B	3010A
7439-97-6	Mercury	0.17	J 1		0.076	0.16	0.20	ug/L	08/06/25 12:30	08/07/25 10:17	7470A	
7440-02-0	Nickel	53.0	D 5		1.35	3.75	5.00	ug/L	08/05/25 12:30	08/05/25 17:15	6020B	3010A
7782-49-2	Selenium	22.5	UD 5		14.5	22.5	25.0	ug/L	08/05/25 12:30	08/05/25 17:15	6020B	3010A
7440-22-4	Silver	2.50	UDN5		0.30	2.50	5.00	ug/L	08/05/25 12:30	08/05/25 17:15	6020B	3010A
7440-28-0	Thallium	2.50	UDN5		0.30	2.50	5.00	ug/L	08/05/25 12:30	08/05/25 17:15	6020B	3010A
7440-62-2	Vanadium	37.8	DN 5		0.39	1.25	25.0	ug/L	08/05/25 12:30	08/05/25 17:15	6020B	3010A
7440-66-6	Zinc	1580	DN 5		6.25	7.50	25.0	ug/L	08/05/25 12:30	08/05/25 17:15	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP Mercury			

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Report of Analysis

Client:	Nobis Group	Date Collected:	07/31/25
Project:	Raymark Superfund Site	Date Received:	08/01/25
Client Sample ID:	OU4-TS-GRILLO-TSCP01-073125	SDG No.:	Q2747
Lab Sample ID:	Q2747-08	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UDN5		0.55	1.25	10.0	ug/L	08/05/25 12:30	08/05/25 17:18	6020B	3010A
7440-38-2	Arsenic	21.3	DN*5		0.45	1.25	5.00	ug/L	08/05/25 12:30	08/05/25 17:18	6020B	3010A
7440-39-3	Barium	178	DN 5		1.05	6.25	50.0	ug/L	08/05/25 12:30	08/05/25 17:18	6020B	3010A
7440-41-7	Beryllium	1.60	JD 5		1.60	3.75	5.00	ug/L	08/05/25 12:30	08/05/25 17:18	6020B	3010A
7440-43-9	Cadmium	4.45	JD 5		1.70	2.50	5.00	ug/L	08/05/25 12:30	08/05/25 17:18	6020B	3010A
7440-47-3	Chromium	2.90	JDN 5		1.05	3.75	10.0	ug/L	08/05/25 12:30	08/05/25 17:18	6020B	3010A
7440-50-8	Copper	13.3	D 5		1.50	7.50	10.0	ug/L	08/05/25 12:30	08/05/25 17:18	6020B	3010A
7439-92-1	Lead	9.85	D 5		1.05	3.75	5.00	ug/L	08/05/25 12:30	08/05/25 17:18	6020B	3010A
7439-97-6	Mercury	0.16	U 1		0.076	0.16	0.20	ug/L	08/06/25 12:30	08/07/25 10:19	7470A	
7440-02-0	Nickel	20.8	D 5		1.35	3.75	5.00	ug/L	08/05/25 12:30	08/05/25 17:18	6020B	3010A
7782-49-2	Selenium	22.5	UD 5		14.5	22.5	25.0	ug/L	08/05/25 12:30	08/05/25 17:18	6020B	3010A
7440-22-4	Silver	2.50	UDN5		0.30	2.50	5.00	ug/L	08/05/25 12:30	08/05/25 17:18	6020B	3010A
7440-28-0	Thallium	2.50	UDN5		0.30	2.50	5.00	ug/L	08/05/25 12:30	08/05/25 17:18	6020B	3010A
7440-62-2	Vanadium	7.75	JDN 5		0.39	1.25	25.0	ug/L	08/05/25 12:30	08/05/25 17:18	6020B	3010A
7440-66-6	Zinc	1510	DN 5		6.25	7.50	25.0	ug/L	08/05/25 12:30	08/05/25 17:18	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP Mercury			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/31/25
Project:	Raymark Superfund Site	Date Received:	08/01/25
Client Sample ID:	OU4-TS-GRILLO-TSCP02-073125	SDG No.:	Q2747
Lab Sample ID:	Q2747-10	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-36-0	Antimony	1.25	UDN5	0.55	1.25	10.0	ug/L	08/05/25 12:30	08/05/25 17:21	6020B	3010A	
7440-38-2	Arsenic	19.7	DN*5	0.45	1.25	5.00	ug/L	08/05/25 12:30	08/05/25 17:21	6020B	3010A	
7440-39-3	Barium	113	DN 5	1.05	6.25	50.0	ug/L	08/05/25 12:30	08/05/25 17:21	6020B	3010A	
7440-41-7	Beryllium	7.60	D 5	1.60	3.75	5.00	ug/L	08/05/25 12:30	08/05/25 17:21	6020B	3010A	
7440-43-9	Cadmium	7.65	D 5	1.70	2.50	5.00	ug/L	08/05/25 12:30	08/05/25 17:21	6020B	3010A	
7440-47-3	Chromium	11.5	DN 5	1.05	3.75	10.0	ug/L	08/05/25 12:30	08/05/25 17:21	6020B	3010A	
7440-50-8	Copper	68.6	D 5	1.50	7.50	10.0	ug/L	08/05/25 12:30	08/05/25 17:21	6020B	3010A	
7439-92-1	Lead	48.8	D 5	1.05	3.75	5.00	ug/L	08/05/25 12:30	08/05/25 17:21	6020B	3010A	
7439-97-6	Mercury	0.16	U 1	0.076	0.16	0.20	ug/L	08/06/25 12:30	08/07/25 10:21	7470A		
7440-02-0	Nickel	45.5	D 5	1.35	3.75	5.00	ug/L	08/05/25 12:30	08/05/25 17:21	6020B	3010A	
7782-49-2	Selenium	22.5	UD 5	14.5	22.5	25.0	ug/L	08/05/25 12:30	08/05/25 17:21	6020B	3010A	
7440-22-4	Silver	2.50	UDN5	0.30	2.50	5.00	ug/L	08/05/25 12:30	08/05/25 17:21	6020B	3010A	
7440-28-0	Thallium	2.50	UDN5	0.30	2.50	5.00	ug/L	08/05/25 12:30	08/05/25 17:21	6020B	3010A	
7440-62-2	Vanadium	82.9	DN 5	0.39	1.25	25.0	ug/L	08/05/25 12:30	08/05/25 17:21	6020B	3010A	
7440-66-6	Zinc	1680	DN 5	6.25	7.50	25.0	ug/L	08/05/25 12:30	08/05/25 17:21	6020B	3010A	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP Mercury			

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.: Q2747

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV56	Mercury	4.03	4.0	101	90 - 110	CV	08/07/2025	09:41	LB136732

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV95	Mercury	4.88	5.0	98	90 - 110	CV	08/07/2025	09:48	LB136732
CCV96	Mercury	4.98	5.0	100	90 - 110	CV	08/07/2025	10:23	LB136732
CCV97	Mercury	4.82	5.0	96	90 - 110	CV	08/07/2025	10:42	LB136732

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Antimony	413	400	103	90 - 110	P	08/05/2025	12:52	LB136712
	Arsenic	402	400	100	90 - 110	P	08/05/2025	12:52	LB136712
	Barium	1560	1600	98	90 - 110	P	08/05/2025	12:52	LB136712
	Beryllium	37.5	40.0	94	90 - 110	P	08/05/2025	12:52	LB136712
	Cadmium	201	200	100	90 - 110	P	08/05/2025	12:52	LB136712
	Chromium	163	160	102	90 - 110	P	08/05/2025	12:52	LB136712
	Copper	199	200	100	90 - 110	P	08/05/2025	12:52	LB136712
	Lead	400	400	100	90 - 110	P	08/05/2025	12:52	LB136712
	Nickel	401	400	100	90 - 110	P	08/05/2025	12:52	LB136712
	Selenium	420	400	105	90 - 110	P	08/05/2025	12:52	LB136712
	Silver	203	200	101	90 - 110	P	08/05/2025	12:52	LB136712
	Thallium	376	400	94	90 - 110	P	08/05/2025	12:52	LB136712
	Vanadium	375	400	94	90 - 110	P	08/05/2025	12:52	LB136712
	Zinc	367	400	92	90 - 110	P	08/05/2025	12:52	LB136712

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Antimony	1.89	2.0	94	80 - 120	P	08/05/2025	13:08	LB136712
	Arsenic	1.14	1.0	114	80 - 120	P	08/05/2025	13:08	LB136712
	Barium	8.96	10.0	90	80 - 120	P	08/05/2025	13:08	LB136712
	Beryllium	1.13	1.0	113	80 - 120	P	08/05/2025	13:08	LB136712
	Cadmium	0.91	1.0	91	80 - 120	P	08/05/2025	13:08	LB136712
	Chromium	1.76	2.0	88	80 - 120	P	08/05/2025	13:08	LB136712
	Copper	1.64	2.0	82	80 - 120	P	08/05/2025	13:08	LB136712
	Lead	0.90	1.0	90	80 - 120	P	08/05/2025	13:08	LB136712
	Nickel	1.11	1.0	111	80 - 120	P	08/05/2025	13:08	LB136712
	Selenium	5.25	5.0	105	80 - 120	P	08/05/2025	13:08	LB136712
	Silver	0.92	1.0	92	80 - 120	P	08/05/2025	13:08	LB136712
	Thallium	0.82	1.0	82	80 - 120	P	08/05/2025	13:08	LB136712
	Vanadium	4.62	5.0	92	80 - 120	P	08/05/2025	13:08	LB136712
	Zinc	5.08	5.0	102	80 - 120	P	08/05/2025	13:08	LB136712

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Antimony	518	500	104	90 - 110	P	08/05/2025	14:07	LB136712
	Arsenic	495	500	99	90 - 110	P	08/05/2025	14:07	LB136712
	Barium	2580	2500	103	90 - 110	P	08/05/2025	14:07	LB136712
	Beryllium	512	500	102	90 - 110	P	08/05/2025	14:07	LB136712
	Cadmium	497	500	100	90 - 110	P	08/05/2025	14:07	LB136712
	Chromium	519	500	104	90 - 110	P	08/05/2025	14:07	LB136712
	Copper	5080	5000	102	90 - 110	P	08/05/2025	14:07	LB136712
	Lead	2600	2500	104	90 - 110	P	08/05/2025	14:07	LB136712
	Nickel	498	500	100	90 - 110	P	08/05/2025	14:07	LB136712
	Selenium	477	500	95	90 - 110	P	08/05/2025	14:07	LB136712
	Silver	506	500	101	90 - 110	P	08/05/2025	14:07	LB136712
	Thallium	527	500	105	90 - 110	P	08/05/2025	14:07	LB136712
	Vanadium	519	500	104	90 - 110	P	08/05/2025	14:07	LB136712
	Zinc	4870	5000	98	90 - 110	P	08/05/2025	14:07	LB136712
CCV02	Antimony	521	500	104	90 - 110	P	08/05/2025	14:46	LB136712
	Arsenic	514	500	103	90 - 110	P	08/05/2025	14:46	LB136712
	Barium	2600	2500	104	90 - 110	P	08/05/2025	14:46	LB136712
	Beryllium	510	500	102	90 - 110	P	08/05/2025	14:46	LB136712
	Cadmium	509	500	102	90 - 110	P	08/05/2025	14:46	LB136712
	Chromium	517	500	104	90 - 110	P	08/05/2025	14:46	LB136712
	Copper	4980	5000	100	90 - 110	P	08/05/2025	14:46	LB136712
	Lead	2530	2500	101	90 - 110	P	08/05/2025	14:46	LB136712
	Nickel	500	500	100	90 - 110	P	08/05/2025	14:46	LB136712
	Selenium	508	500	102	90 - 110	P	08/05/2025	14:46	LB136712
	Silver	516	500	103	90 - 110	P	08/05/2025	14:46	LB136712
	Thallium	520	500	104	90 - 110	P	08/05/2025	14:46	LB136712
	Vanadium	519	500	104	90 - 110	P	08/05/2025	14:46	LB136712
	Zinc	4930	5000	99	90 - 110	P	08/05/2025	14:46	LB136712
CCV03	Antimony	521	500	104	90 - 110	P	08/05/2025	15:28	LB136712
	Arsenic	488	500	98	90 - 110	P	08/05/2025	15:28	LB136712
	Barium	2570	2500	103	90 - 110	P	08/05/2025	15:28	LB136712
	Beryllium	503	500	101	90 - 110	P	08/05/2025	15:28	LB136712
	Cadmium	501	500	100	90 - 110	P	08/05/2025	15:28	LB136712
	Chromium	518	500	104	90 - 110	P	08/05/2025	15:28	LB136712

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV03	Copper	4990	5000	100	90 - 110	P	08/05/2025	15:28	LB136712
	Lead	2590	2500	104	90 - 110	P	08/05/2025	15:28	LB136712
	Nickel	493	500	99	90 - 110	P	08/05/2025	15:28	LB136712
	Selenium	481	500	96	90 - 110	P	08/05/2025	15:28	LB136712
	Silver	511	500	102	90 - 110	P	08/05/2025	15:28	LB136712
	Thallium	527	500	106	90 - 110	P	08/05/2025	15:28	LB136712
	Vanadium	526	500	105	90 - 110	P	08/05/2025	15:28	LB136712
	Zinc	4910	5000	98	90 - 110	P	08/05/2025	15:28	LB136712
CCV04	Antimony	526	500	105	90 - 110	P	08/05/2025	16:05	LB136712
	Arsenic	497	500	100	90 - 110	P	08/05/2025	16:05	LB136712
	Barium	2590	2500	104	90 - 110	P	08/05/2025	16:05	LB136712
	Beryllium	509	500	102	90 - 110	P	08/05/2025	16:05	LB136712
	Cadmium	504	500	101	90 - 110	P	08/05/2025	16:05	LB136712
	Chromium	517	500	103	90 - 110	P	08/05/2025	16:05	LB136712
	Copper	4950	5000	99	90 - 110	P	08/05/2025	16:05	LB136712
	Lead	2560	2500	102	90 - 110	P	08/05/2025	16:05	LB136712
	Nickel	492	500	98	90 - 110	P	08/05/2025	16:05	LB136712
	Selenium	492	500	98	90 - 110	P	08/05/2025	16:05	LB136712
	Silver	514	500	103	90 - 110	P	08/05/2025	16:05	LB136712
	Thallium	524	500	105	90 - 110	P	08/05/2025	16:05	LB136712
	Vanadium	523	500	105	90 - 110	P	08/05/2025	16:05	LB136712
	Zinc	4980	5000	100	90 - 110	P	08/05/2025	16:05	LB136712
	Antimony	509	500	102	90 - 110	P	08/05/2025	16:43	LB136712
	Arsenic	498	500	100	90 - 110	P	08/05/2025	16:43	LB136712
CCV05	Barium	2510	2500	101	90 - 110	P	08/05/2025	16:43	LB136712
	Beryllium	504	500	101	90 - 110	P	08/05/2025	16:43	LB136712
	Cadmium	488	500	98	90 - 110	P	08/05/2025	16:43	LB136712
	Chromium	523	500	105	90 - 110	P	08/05/2025	16:43	LB136712
	Copper	4970	5000	100	90 - 110	P	08/05/2025	16:43	LB136712
	Lead	2570	2500	103	90 - 110	P	08/05/2025	16:43	LB136712
	Nickel	490	500	98	90 - 110	P	08/05/2025	16:43	LB136712
	Selenium	485	500	97	90 - 110	P	08/05/2025	16:43	LB136712
	Silver	492	500	98	90 - 110	P	08/05/2025	16:43	LB136712
	Thallium	520	500	104	90 - 110	P	08/05/2025	16:43	LB136712

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Vanadium	524	500	105	90 - 110	P	08/05/2025	16:43	LB136712
	Zinc	4940	5000	99	90 - 110	P	08/05/2025	16:43	LB136712
CCV06	Antimony	506	500	101	90 - 110	P	08/05/2025	17:37	LB136712
	Arsenic	482	500	96	90 - 110	P	08/05/2025	17:37	LB136712
	Barium	2530	2500	101	90 - 110	P	08/05/2025	17:37	LB136712
	Beryllium	499	500	100	90 - 110	P	08/05/2025	17:37	LB136712
	Cadmium	487	500	97	90 - 110	P	08/05/2025	17:37	LB136712
	Chromium	526	500	105	90 - 110	P	08/05/2025	17:37	LB136712
	Copper	5030	5000	101	90 - 110	P	08/05/2025	17:37	LB136712
	Lead	2560	2500	103	90 - 110	P	08/05/2025	17:37	LB136712
	Nickel	496	500	99	90 - 110	P	08/05/2025	17:37	LB136712
	Selenium	471	500	94	90 - 110	P	08/05/2025	17:37	LB136712
	Silver	494	500	99	90 - 110	P	08/05/2025	17:37	LB136712
	Thallium	522	500	104	90 - 110	P	08/05/2025	17:37	LB136712
	Vanadium	516	500	103	90 - 110	P	08/05/2025	17:37	LB136712
	Zinc	4980	5000	100	90 - 110	P	08/05/2025	17:37	LB136712
CCV07	Antimony	514	500	103	90 - 110	P	08/05/2025	17:53	LB136712
	Arsenic	482	500	96	90 - 110	P	08/05/2025	17:53	LB136712
	Barium	2540	2500	102	90 - 110	P	08/05/2025	17:53	LB136712
	Beryllium	509	500	102	90 - 110	P	08/05/2025	17:53	LB136712
	Cadmium	495	500	99	90 - 110	P	08/05/2025	17:53	LB136712
	Chromium	520	500	104	90 - 110	P	08/05/2025	17:53	LB136712
	Copper	5000	5000	100	90 - 110	P	08/05/2025	17:53	LB136712
	Lead	2560	2500	102	90 - 110	P	08/05/2025	17:53	LB136712
	Nickel	495	500	99	90 - 110	P	08/05/2025	17:53	LB136712
	Selenium	470	500	94	90 - 110	P	08/05/2025	17:53	LB136712
	Silver	502	500	100	90 - 110	P	08/05/2025	17:53	LB136712
	Thallium	525	500	105	90 - 110	P	08/05/2025	17:53	LB136712
	Vanadium	527	500	105	90 - 110	P	08/05/2025	17:53	LB136712
	Zinc	4880	5000	98	90 - 110	P	08/05/2025	17:53	LB136712

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Antimony	424	400	106	90 - 110	P	08/12/2025	10:51	LB136790
	Arsenic	405	400	101	90 - 110	P	08/12/2025	10:51	LB136790
	Barium	1680	1600	105	90 - 110	P	08/12/2025	10:51	LB136790
	Beryllium	41.0	40.0	102	90 - 110	P	08/12/2025	10:51	LB136790
	Cadmium	215	200	108	90 - 110	P	08/12/2025	10:51	LB136790
	Chromium	167	160	105	90 - 110	P	08/12/2025	10:51	LB136790
	Copper	192	200	96	90 - 110	P	08/12/2025	10:51	LB136790
	Lead	388	400	97	90 - 110	P	08/12/2025	10:51	LB136790
	Nickel	421	400	105	90 - 110	P	08/12/2025	10:51	LB136790
	Selenium	426	400	107	90 - 110	P	08/12/2025	10:51	LB136790
	Silver	216	200	108	90 - 110	P	08/12/2025	10:51	LB136790
	Thallium	394	400	98	90 - 110	P	08/12/2025	10:51	LB136790
	Vanadium	411	400	103	90 - 110	P	08/12/2025	10:51	LB136790
	Zinc	393	400	98	90 - 110	P	08/12/2025	10:51	LB136790

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Antimony	2.18	2.0	109	80 - 120	P	08/12/2025	10:54	LB136790
	Arsenic	0.97	1.0	97	80 - 120	P	08/12/2025	10:54	LB136790
	Barium	9.81	10.0	98	80 - 120	P	08/12/2025	10:54	LB136790
	Beryllium	1.19	1.0	119	80 - 120	P	08/12/2025	10:54	LB136790
	Cadmium	0.88	1.0	88	80 - 120	P	08/12/2025	10:54	LB136790
	Chromium	2.04	2.0	102	80 - 120	P	08/12/2025	10:54	LB136790
	Copper	1.94	2.0	97	80 - 120	P	08/12/2025	10:54	LB136790
	Lead	0.83	1.0	83	80 - 120	P	08/12/2025	10:54	LB136790
	Nickel	0.91	1.0	91	80 - 120	P	08/12/2025	10:54	LB136790
	Selenium	5.31	5.0	106	80 - 120	P	08/12/2025	10:54	LB136790
	Silver	1.16	1.0	116	80 - 120	P	08/12/2025	10:54	LB136790
	Thallium	0.99	1.0	99	80 - 120	P	08/12/2025	10:54	LB136790
	Vanadium	4.98	5.0	100	80 - 120	P	08/12/2025	10:54	LB136790
	Zinc	4.57	5.0	91	80 - 120	P	08/12/2025	10:54	LB136790

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Antimony	523	500	104	90 - 110	P	08/12/2025	11:17	LB136790
	Arsenic	506	500	101	90 - 110	P	08/12/2025	11:17	LB136790
	Barium	2590	2500	104	90 - 110	P	08/12/2025	11:17	LB136790
	Beryllium	535	500	107	90 - 110	P	08/12/2025	11:17	LB136790
	Cadmium	509	500	102	90 - 110	P	08/12/2025	11:17	LB136790
	Chromium	520	500	104	90 - 110	P	08/12/2025	11:17	LB136790
	Copper	5070	5000	101	90 - 110	P	08/12/2025	11:17	LB136790
	Lead	2670	2500	107	90 - 110	P	08/12/2025	11:17	LB136790
	Nickel	507	500	102	90 - 110	P	08/12/2025	11:17	LB136790
	Selenium	489	500	98	90 - 110	P	08/12/2025	11:17	LB136790
	Silver	518	500	104	90 - 110	P	08/12/2025	11:17	LB136790
	Thallium	540	500	108	90 - 110	P	08/12/2025	11:17	LB136790
	Vanadium	524	500	105	90 - 110	P	08/12/2025	11:17	LB136790
	Zinc	4990	5000	100	90 - 110	P	08/12/2025	11:17	LB136790
CCV02	Antimony	497	500	99	90 - 110	P	08/12/2025	12:01	LB136790
	Arsenic	486	500	97	90 - 110	P	08/12/2025	12:01	LB136790
	Barium	2490	2500	100	90 - 110	P	08/12/2025	12:01	LB136790
	Beryllium	517	500	103	90 - 110	P	08/12/2025	12:01	LB136790
	Cadmium	485	500	97	90 - 110	P	08/12/2025	12:01	LB136790
	Chromium	499	500	100	90 - 110	P	08/12/2025	12:01	LB136790
	Copper	4860	5000	97	90 - 110	P	08/12/2025	12:01	LB136790
	Lead	2540	2500	101	90 - 110	P	08/12/2025	12:01	LB136790
	Nickel	483	500	97	90 - 110	P	08/12/2025	12:01	LB136790
	Selenium	467	500	93	90 - 110	P	08/12/2025	12:01	LB136790
	Silver	498	500	100	90 - 110	P	08/12/2025	12:01	LB136790
	Thallium	521	500	104	90 - 110	P	08/12/2025	12:01	LB136790
	Vanadium	502	500	100	90 - 110	P	08/12/2025	12:01	LB136790
	Zinc	4790	5000	96	90 - 110	P	08/12/2025	12:01	LB136790
CCV03	Antimony	497	500	100	90 - 110	P	08/12/2025	12:19	LB136790
	Arsenic	492	500	98	90 - 110	P	08/12/2025	12:19	LB136790
	Barium	2490	2500	100	90 - 110	P	08/12/2025	12:19	LB136790
	Beryllium	514	500	103	90 - 110	P	08/12/2025	12:19	LB136790
	Cadmium	479	500	96	90 - 110	P	08/12/2025	12:19	LB136790
	Chromium	504	500	101	90 - 110	P	08/12/2025	12:19	LB136790

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV03	Copper	4870	5000	97	90 - 110	P	08/12/2025	12:19	LB136790
	Lead	2520	2500	101	90 - 110	P	08/12/2025	12:19	LB136790
	Nickel	489	500	98	90 - 110	P	08/12/2025	12:19	LB136790
	Selenium	465	500	93	90 - 110	P	08/12/2025	12:19	LB136790
	Silver	489	500	98	90 - 110	P	08/12/2025	12:19	LB136790
	Thallium	511	500	102	90 - 110	P	08/12/2025	12:19	LB136790
	Vanadium	517	500	103	90 - 110	P	08/12/2025	12:19	LB136790
	Zinc	4860	5000	97	90 - 110	P	08/12/2025	12:19	LB136790
CCV04	Antimony	498	500	100	90 - 110	P	08/12/2025	12:39	LB136790
	Arsenic	489	500	98	90 - 110	P	08/12/2025	12:39	LB136790
	Barium	2480	2500	99	90 - 110	P	08/12/2025	12:39	LB136790
	Beryllium	474	500	95	90 - 110	P	08/12/2025	12:39	LB136790
	Cadmium	479	500	96	90 - 110	P	08/12/2025	12:39	LB136790
	Chromium	501	500	100	90 - 110	P	08/12/2025	12:39	LB136790
	Copper	4840	5000	97	90 - 110	P	08/12/2025	12:39	LB136790
	Lead	2510	2500	100	90 - 110	P	08/12/2025	12:39	LB136790
	Nickel	482	500	96	90 - 110	P	08/12/2025	12:39	LB136790
	Selenium	476	500	95	90 - 110	P	08/12/2025	12:39	LB136790
	Silver	490	500	98	90 - 110	P	08/12/2025	12:39	LB136790
	Thallium	515	500	103	90 - 110	P	08/12/2025	12:39	LB136790
	Vanadium	499	500	100	90 - 110	P	08/12/2025	12:39	LB136790
	Zinc	4770	5000	95	90 - 110	P	08/12/2025	12:39	LB136790

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI	Antimony	1.83	2.0	92	70 - 130	P	08/05/2025	14:14	LB136712
	Arsenic	1.02	1.0	102	70 - 130	P	08/05/2025	14:14	LB136712
	Barium	8.77	10.0	88	70 - 130	P	08/05/2025	14:14	LB136712
	Beryllium	1.07	1.0	107	70 - 130	P	08/05/2025	14:14	LB136712
	Cadmium	0.86	1.0	86	70 - 130	P	08/05/2025	14:14	LB136712
	Chromium	1.84	2.0	92	70 - 130	P	08/05/2025	14:14	LB136712
	Copper	1.70	2.0	85	70 - 130	P	08/05/2025	14:14	LB136712
	Lead	0.88	1.0	88	70 - 130	P	08/05/2025	14:14	LB136712
	Nickel	1.05	1.0	105	70 - 130	P	08/05/2025	14:14	LB136712
	Selenium	4.70	5.0	94	70 - 130	P	08/05/2025	14:14	LB136712
	Silver	0.92	1.0	92	70 - 130	P	08/05/2025	14:14	LB136712
	Thallium	0.88	1.0	88	70 - 130	P	08/05/2025	14:14	LB136712
	Vanadium	4.63	5.0	93	70 - 130	P	08/05/2025	14:14	LB136712
	Zinc	4.35	5.0	87	50 - 150	P	08/05/2025	14:14	LB136712
CRA	Mercury	0.16	0.2	81	70 - 130	CV	08/07/2025	09:58	LB136732
CRI	Antimony	2.08	2.0	104	70 - 130	P	08/12/2025	11:23	LB136790
	Arsenic	0.97	1.0	97	70 - 130	P	08/12/2025	11:23	LB136790
	Barium	9.63	10.0	96	70 - 130	P	08/12/2025	11:23	LB136790
	Beryllium	1.16	1.0	116	70 - 130	P	08/12/2025	11:23	LB136790
	Cadmium	0.79	1.0	79	70 - 130	P	08/12/2025	11:23	LB136790
	Chromium	2.02	2.0	101	70 - 130	P	08/12/2025	11:23	LB136790
	Copper	1.94	2.0	97	70 - 130	P	08/12/2025	11:23	LB136790
	Lead	0.85	1.0	85	70 - 130	P	08/12/2025	11:23	LB136790
	Nickel	0.82	1.0	82	70 - 130	P	08/12/2025	11:23	LB136790
	Selenium	5.28	5.0	106	70 - 130	P	08/12/2025	11:23	LB136790
	Silver	1.10	1.0	110	70 - 130	P	08/12/2025	11:23	LB136790
	Thallium	0.98	1.0	98	70 - 130	P	08/12/2025	11:23	LB136790
	Vanadium	5.09	5.0	102	70 - 130	P	08/12/2025	11:23	LB136790
	Zinc	4.48	5.0	90	50 - 150	P	08/12/2025	11:23	LB136790



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

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB56	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	08/07/2025	09:46	LB136732

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB95	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	08/07/2025	09:51	LB136732
CCB96	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	08/07/2025	10:26	LB136732
CCB97	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	08/07/2025	10:44	LB136732

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Antimony	0.11	+/-1	U	0.25	2.00	P	08/05/2025	13:12	LB136712
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	08/05/2025	13:12	LB136712
	Barium	0.21	+/-5	U	1.25	10.0	P	08/05/2025	13:12	LB136712
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	08/05/2025	13:12	LB136712
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	08/05/2025	13:12	LB136712
	Chromium	0.21	+/-1	U	0.75	2.00	P	08/05/2025	13:12	LB136712
	Copper	0.30	+/-1	U	1.50	2.00	P	08/05/2025	13:12	LB136712
	Lead	0.21	+/-0.5	U	0.75	1.00	P	08/05/2025	13:12	LB136712
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	08/05/2025	13:12	LB136712
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	08/05/2025	13:12	LB136712
	Silver	0.060	+/-0.5	U	0.50	1.00	P	08/05/2025	13:12	LB136712
	Thallium	0.060	+/-0.5	U	0.50	1.00	P	08/05/2025	13:12	LB136712
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	08/05/2025	13:12	LB136712
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	08/05/2025	13:12	LB136712

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Antimony	0.14	+/-1	J	0.25	2.00	P	08/05/2025	14:10	LB136712
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	08/05/2025	14:10	LB136712
	Barium	0.21	+/-5	U	1.25	10.0	P	08/05/2025	14:10	LB136712
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	08/05/2025	14:10	LB136712
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	08/05/2025	14:10	LB136712
	Chromium	0.21	+/-1	U	0.75	2.00	P	08/05/2025	14:10	LB136712
	Copper	0.30	+/-1	U	1.50	2.00	P	08/05/2025	14:10	LB136712
	Lead	0.21	+/-0.5	U	0.75	1.00	P	08/05/2025	14:10	LB136712
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	08/05/2025	14:10	LB136712
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	08/05/2025	14:10	LB136712
	Silver	0.060	+/-0.5	U	0.50	1.00	P	08/05/2025	14:10	LB136712
	Thallium	0.10	+/-0.5	J	0.50	1.00	P	08/05/2025	14:10	LB136712
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	08/05/2025	14:10	LB136712
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	08/05/2025	14:10	LB136712
CCB02	Antimony	0.11	+/-1	U	0.25	2.00	P	08/05/2025	14:53	LB136712
	Arsenic	0.16	+/-0.5	J	0.25	1.00	P	08/05/2025	14:53	LB136712
	Barium	0.21	+/-5	U	1.25	10.0	P	08/05/2025	14:53	LB136712
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	08/05/2025	14:53	LB136712
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	08/05/2025	14:53	LB136712
	Chromium	0.21	+/-1	U	0.75	2.00	P	08/05/2025	14:53	LB136712
	Copper	0.30	+/-1	U	1.50	2.00	P	08/05/2025	14:53	LB136712
	Lead	0.21	+/-0.5	U	0.75	1.00	P	08/05/2025	14:53	LB136712
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	08/05/2025	14:53	LB136712
	Selenium	3.05	+/-2.5	J*	4.50	5.00	P	08/05/2025	14:53	LB136712
	Silver	0.060	+/-0.5	U	0.50	1.00	P	08/05/2025	14:53	LB136712
	Thallium	0.060	+/-0.5	U	0.50	1.00	P	08/05/2025	14:53	LB136712
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	08/05/2025	14:53	LB136712
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	08/05/2025	14:53	LB136712
CCB03	Antimony	0.14	+/-1	J	0.25	2.00	P	08/05/2025	15:30	LB136712
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	08/05/2025	15:30	LB136712
	Barium	0.21	+/-5	U	1.25	10.0	P	08/05/2025	15:30	LB136712
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	08/05/2025	15:30	LB136712
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	08/05/2025	15:30	LB136712
	Chromium	0.21	+/-1	U	0.75	2.00	P	08/05/2025	15:30	LB136712
	Copper	0.30	+/-1	U	1.50	2.00	P	08/05/2025	15:30	LB136712
	Lead	0.21	+/-0.5	U	0.75	1.00	P	08/05/2025	15:30	LB136712
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	08/05/2025	15:30	LB136712
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	08/05/2025	15:30	LB136712
	Silver	0.060	+/-0.5	U	0.50	1.00	P	08/05/2025	15:30	LB136712

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB03	Thallium	0.060	+/-0.5	J	0.50	1.00	P	08/05/2025	15:30	LB136712
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	08/05/2025	15:30	LB136712
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	08/05/2025	15:30	LB136712
CCB04	Antimony	0.15	+/-1	J	0.25	2.00	P	08/05/2025	16:08	LB136712
	Arsenic	0.37	+/-0.5	J	0.25	1.00	P	08/05/2025	16:08	LB136712
	Barium	0.21	+/-5	U	1.25	10.0	P	08/05/2025	16:08	LB136712
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	08/05/2025	16:08	LB136712
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	08/05/2025	16:08	LB136712
	Chromium	0.21	+/-1	U	0.75	2.00	P	08/05/2025	16:08	LB136712
	Copper	0.30	+/-1	U	1.50	2.00	P	08/05/2025	16:08	LB136712
	Lead	0.21	+/-0.5	U	0.75	1.00	P	08/05/2025	16:08	LB136712
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	08/05/2025	16:08	LB136712
	Selenium	3.92	+/-2.5	J*	4.50	5.00	P	08/05/2025	16:08	LB136712
	Silver	0.060	+/-0.5	U	0.50	1.00	P	08/05/2025	16:08	LB136712
	Thallium	0.060	+/-0.5	U	0.50	1.00	P	08/05/2025	16:08	LB136712
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	08/05/2025	16:08	LB136712
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	08/05/2025	16:08	LB136712
	Antimony	0.11	+/-1	U	0.25	2.00	P	08/05/2025	17:02	LB136712
CCB05	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	08/05/2025	17:02	LB136712
	Barium	0.21	+/-5	U	1.25	10.0	P	08/05/2025	17:02	LB136712
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	08/05/2025	17:02	LB136712
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	08/05/2025	17:02	LB136712
	Chromium	0.21	+/-1	U	0.75	2.00	P	08/05/2025	17:02	LB136712
	Copper	0.30	+/-1	U	1.50	2.00	P	08/05/2025	17:02	LB136712
	Lead	0.21	+/-0.5	U	0.75	1.00	P	08/05/2025	17:02	LB136712
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	08/05/2025	17:02	LB136712
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	08/05/2025	17:02	LB136712
	Silver	0.060	+/-0.5	U	0.50	1.00	P	08/05/2025	17:02	LB136712
	Thallium	0.060	+/-0.5	U	0.50	1.00	P	08/05/2025	17:02	LB136712
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	08/05/2025	17:02	LB136712
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	08/05/2025	17:02	LB136712
	Antimony	0.11	+/-1	U	0.25	2.00	P	08/05/2025	17:47	LB136712
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	08/05/2025	17:47	LB136712
CCB06	Barium	0.21	+/-5	U	1.25	10.0	P	08/05/2025	17:47	LB136712
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	08/05/2025	17:47	LB136712
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	08/05/2025	17:47	LB136712
	Chromium	0.21	+/-1	U	0.75	2.00	P	08/05/2025	17:47	LB136712
	Copper	0.30	+/-1	U	1.50	2.00	P	08/05/2025	17:47	LB136712
	Lead	0.21	+/-0.5	U	0.75	1.00	P	08/05/2025	17:47	LB136712

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Nickel	0.27	+/-0.5	U	0.75	1.00	P	08/05/2025	17:47	LB136712
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	08/05/2025	17:47	LB136712
	Silver	0.060	+/-0.5	U	0.50	1.00	P	08/05/2025	17:47	LB136712
	Thallium	0.060	+/-0.5	U	0.50	1.00	P	08/05/2025	17:47	LB136712
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	08/05/2025	17:47	LB136712
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	08/05/2025	17:47	LB136712
CCB07	Antimony	0.11	+/-1	U	0.25	2.00	P	08/05/2025	18:00	LB136712
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	08/05/2025	18:00	LB136712
	Barium	0.21	+/-5	U	1.25	10.0	P	08/05/2025	18:00	LB136712
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	08/05/2025	18:00	LB136712
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	08/05/2025	18:00	LB136712
	Chromium	0.21	+/-1	U	0.75	2.00	P	08/05/2025	18:00	LB136712
	Copper	0.30	+/-1	U	1.50	2.00	P	08/05/2025	18:00	LB136712
	Lead	0.21	+/-0.5	U	0.75	1.00	P	08/05/2025	18:00	LB136712
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	08/05/2025	18:00	LB136712
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	08/05/2025	18:00	LB136712
	Silver	0.060	+/-0.5	U	0.50	1.00	P	08/05/2025	18:00	LB136712
	Thallium	0.060	+/-0.5	U	0.50	1.00	P	08/05/2025	18:00	LB136712
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	08/05/2025	18:00	LB136712
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	08/05/2025	18:00	LB136712

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Antimony	0.11	+/-1	U	0.25	2.00	P	08/12/2025	11:04	LB136790
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	08/12/2025	11:04	LB136790
	Barium	0.21	+/-5	U	1.25	10.0	P	08/12/2025	11:04	LB136790
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	08/12/2025	11:04	LB136790
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	08/12/2025	11:04	LB136790
	Chromium	0.21	+/-1	U	0.75	2.00	P	08/12/2025	11:04	LB136790
	Copper	0.30	+/-1	U	1.50	2.00	P	08/12/2025	11:04	LB136790
	Lead	0.21	+/-0.5	U	0.75	1.00	P	08/12/2025	11:04	LB136790
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	08/12/2025	11:04	LB136790
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	08/12/2025	11:04	LB136790
	Silver	0.060	+/-0.5	U	0.50	1.00	P	08/12/2025	11:04	LB136790
	Thallium	0.060	+/-0.5	U	0.50	1.00	P	08/12/2025	11:04	LB136790
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	08/12/2025	11:04	LB136790
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	08/12/2025	11:04	LB136790

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Antimony	0.11	+/-1	U	0.25	2.00	P	08/12/2025	11:20	LB136790
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	08/12/2025	11:20	LB136790
	Barium	0.21	+/-5	U	1.25	10.0	P	08/12/2025	11:20	LB136790
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	08/12/2025	11:20	LB136790
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	08/12/2025	11:20	LB136790
	Chromium	0.21	+/-1	U	0.75	2.00	P	08/12/2025	11:20	LB136790
	Copper	0.30	+/-1	U	1.50	2.00	P	08/12/2025	11:20	LB136790
	Lead	0.21	+/-0.5	U	0.75	1.00	P	08/12/2025	11:20	LB136790
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	08/12/2025	11:20	LB136790
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	08/12/2025	11:20	LB136790
	Silver	0.060	+/-0.5	U	0.50	1.00	P	08/12/2025	11:20	LB136790
	Thallium	0.060	+/-0.5	U	0.50	1.00	P	08/12/2025	11:20	LB136790
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	08/12/2025	11:20	LB136790
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	08/12/2025	11:20	LB136790
CCB02	Antimony	0.11	+/-1	U	0.25	2.00	P	08/12/2025	12:05	LB136790
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	08/12/2025	12:05	LB136790
	Barium	0.21	+/-5	U	1.25	10.0	P	08/12/2025	12:05	LB136790
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	08/12/2025	12:05	LB136790
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	08/12/2025	12:05	LB136790
	Chromium	0.21	+/-1	U	0.75	2.00	P	08/12/2025	12:05	LB136790
	Copper	0.30	+/-1	U	1.50	2.00	P	08/12/2025	12:05	LB136790
	Lead	0.21	+/-0.5	U	0.75	1.00	P	08/12/2025	12:05	LB136790
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	08/12/2025	12:05	LB136790
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	08/12/2025	12:05	LB136790
	Silver	0.060	+/-0.5	U	0.50	1.00	P	08/12/2025	12:05	LB136790
	Thallium	0.060	+/-0.5	U	0.50	1.00	P	08/12/2025	12:05	LB136790
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	08/12/2025	12:05	LB136790
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	08/12/2025	12:05	LB136790
CCB03	Antimony	0.11	+/-1	U	0.25	2.00	P	08/12/2025	12:23	LB136790
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	08/12/2025	12:23	LB136790
	Barium	0.21	+/-5	U	1.25	10.0	P	08/12/2025	12:23	LB136790
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	08/12/2025	12:23	LB136790
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	08/12/2025	12:23	LB136790
	Chromium	0.21	+/-1	U	0.75	2.00	P	08/12/2025	12:23	LB136790
	Copper	0.30	+/-1	U	1.50	2.00	P	08/12/2025	12:23	LB136790
	Lead	0.21	+/-0.5	U	0.75	1.00	P	08/12/2025	12:23	LB136790
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	08/12/2025	12:23	LB136790
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	08/12/2025	12:23	LB136790
	Silver	0.060	+/-0.5	U	0.50	1.00	P	08/12/2025	12:23	LB136790

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB03	Thallium	0.060	+/-0.5	U	0.50	1.00	P	08/12/2025	12:23	LB136790
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	08/12/2025	12:23	LB136790
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	08/12/2025	12:23	LB136790
CCB04	Antimony	0.11	+/-1	U	0.25	2.00	P	08/12/2025	12:47	LB136790
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	08/12/2025	12:47	LB136790
	Barium	0.21	+/-5	U	1.25	10.0	P	08/12/2025	12:47	LB136790
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	08/12/2025	12:47	LB136790
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	08/12/2025	12:47	LB136790
	Chromium	0.21	+/-1	U	0.75	2.00	P	08/12/2025	12:47	LB136790
	Copper	0.30	+/-1	U	1.50	2.00	P	08/12/2025	12:47	LB136790
	Lead	0.21	+/-0.5	U	0.75	1.00	P	08/12/2025	12:47	LB136790
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	08/12/2025	12:47	LB136790
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	08/12/2025	12:47	LB136790
	Silver	0.060	+/-0.5	U	0.50	1.00	P	08/12/2025	12:47	LB136790
	Thallium	0.060	+/-0.5	U	0.50	1.00	P	08/12/2025	12:47	LB136790
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	08/12/2025	12:47	LB136790
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	08/12/2025	12:47	LB136790

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2747

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169158BL		WATER		Batch Number:		PB169158		Prep Date:	08/06/2025	
	Mercury	0.076	<0.2	U	0.16	0.20	CV	08/07/2025	10:07	LB136732
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169158TB		WATER		Batch Number:		PB169158		Prep Date:	08/06/2025	
	Mercury	0.076	<0.2	U	0.16	0.20	CV	08/07/2025	10:35	LB136732

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2747

Instrument: P7

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169128BL	WATER			Batch Number:		PB169128		Prep Date:	08/05/2025	
	Antimony	0.11	<1	U	0.25	2.00	P	08/12/2025	11:28	LB136790
	Arsenic	0.089	<0.5	U	0.25	1.00	P	08/12/2025	11:28	LB136790
	Barium	0.21	<5	U	1.25	10.0	P	08/12/2025	11:28	LB136790
	Beryllium	0.32	<0.5	U	0.75	1.00	P	08/12/2025	11:28	LB136790
	Cadmium	0.34	<0.5	U	0.50	1.00	P	08/12/2025	11:28	LB136790
	Chromium	0.21	<1	U	0.75	2.00	P	08/12/2025	11:28	LB136790
	Copper	0.30	<1	U	1.50	2.00	P	08/12/2025	11:28	LB136790
	Lead	0.21	<0.5	U	0.75	1.00	P	08/12/2025	11:28	LB136790
	Nickel	0.27	<0.5	U	0.75	1.00	P	08/12/2025	11:28	LB136790
	Selenium	2.90	<2.5	U	4.50	5.00	P	08/12/2025	11:28	LB136790
	Silver	0.060	<0.5	U	0.50	1.00	P	08/12/2025	11:28	LB136790
	Thallium	0.060	<0.5	U	0.50	1.00	P	08/12/2025	11:28	LB136790
	Vanadium	0.077	<2.5	U	0.25	5.00	P	08/12/2025	11:28	LB136790
	Zinc	1.25	<2.5	U	1.50	5.00	P	08/12/2025	11:28	LB136790
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169128TB	WATER			Batch Number:		PB169128		Prep Date:	08/05/2025	
	Antimony	0.11	<1	U	0.25	2.00	P	08/05/2025	17:05	LB136712
	Arsenic	0.089	<0.5	U	0.25	1.00	P	08/05/2025	17:05	LB136712
	Barium	0.21	<5	U	1.25	10.0	P	08/05/2025	17:05	LB136712
	Beryllium	0.32	<0.5	U	0.75	1.00	P	08/05/2025	17:05	LB136712
	Cadmium	0.34	<0.5	U	0.50	1.00	P	08/05/2025	17:05	LB136712
	Chromium	0.21	<1	U	0.75	2.00	P	08/05/2025	17:05	LB136712
	Copper	0.30	<1	U	1.50	2.00	P	08/05/2025	17:05	LB136712
	Lead	0.21	<0.5	U	0.75	1.00	P	08/05/2025	17:05	LB136712
	Nickel	0.27	<0.5	U	0.75	1.00	P	08/05/2025	17:05	LB136712
	Selenium	2.90	<2.5	U	4.50	5.00	P	08/05/2025	17:05	LB136712
	Silver	0.060	<0.5	U	0.50	1.00	P	08/05/2025	17:05	LB136712
	Thallium	0.060	<0.5	U	0.50	1.00	P	08/05/2025	17:05	LB136712
	Vanadium	0.077	<2.5	U	0.25	5.00	P	08/05/2025	17:05	LB136712
	Zinc	1.25	<2.5	U	1.50	5.00	P	08/05/2025	17:05	LB136712

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Nobis Group</u>	SDG No.: <u>Q2747</u>
Contract: <u>NOBI03</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P7</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	Antimony	0.98	1.5	65	-2.5	5.5	08/05/2025	13:39	LB136712
	Arsenic	0.32	0.1	320	-1.9	2.1	08/05/2025	13:39	LB136712
	Barium	1.17	1.2	98	-18.8	21.2	08/05/2025	13:39	LB136712
	Beryllium	0.26			-2	2	08/05/2025	13:39	LB136712
	Cadmium	0	0.7		-1.3	2.7	08/05/2025	13:39	LB136712
	Chromium	17.5	21.0	83	17	25	08/05/2025	13:39	LB136712
	Copper	6.40	8.0	80	4	12	08/05/2025	13:39	LB136712
	Lead	3.51	4.0	88	2	6	08/05/2025	13:39	LB136712
	Nickel	5.42	6.0	90	4	8	08/05/2025	13:39	LB136712
	Selenium	0	0.3		-9.7	10	08/05/2025	13:39	LB136712
	Silver	0.040			-2	2	08/05/2025	13:39	LB136712
	Thallium	0.050			-2	2	08/05/2025	13:39	LB136712
	Vanadium	0.16	0.5	32	-9.5	10.5	08/05/2025	13:39	LB136712
	Zinc	9.27	11.0	84	1	21	08/05/2025	13:39	LB136712
ICSAB01	Antimony	18.9	22.0	86	18	26	08/05/2025	14:04	LB136712
	Arsenic	20.1	19.0	106	16.2	21.9	08/05/2025	14:04	LB136712
	Barium	18.6	22.0	84	2	42	08/05/2025	14:04	LB136712
	Beryllium	19.7	19.0	104	16.2	21.9	08/05/2025	14:04	LB136712
	Cadmium	20.7	20.0	104	17	23	08/05/2025	14:04	LB136712
	Chromium	36.4	40.0	91	34	46	08/05/2025	14:04	LB136712
	Copper	23.8	25.0	95	21	29	08/05/2025	14:04	LB136712
	Lead	23.5	25.0	94	21.3	28.8	08/05/2025	14:04	LB136712
	Nickel	27.2	24.0	113	20.4	27.6	08/05/2025	14:04	LB136712
	Selenium	20.4	19.0	107	9	29	08/05/2025	14:04	LB136712
	Silver	17.2	18.0	96	15.3	20.7	08/05/2025	14:04	LB136712
	Thallium	19.8	21.0	94	17.9	24.2	08/05/2025	14:04	LB136712
	Vanadium	18.4	19.0	97	9	29	08/05/2025	14:04	LB136712
	Zinc	26.9	29.0	93	19	39	08/05/2025	14:04	LB136712
ICSA01	Antimony	1.12	1.5	75	-2.5	5.5	08/12/2025	11:11	LB136790
	Arsenic	0.36	0.1	360	-1.9	2.1	08/12/2025	11:11	LB136790
	Barium	1.39	1.2	116	-18.8	21.2	08/12/2025	11:11	LB136790
	Beryllium	0.31			-2	2	08/12/2025	11:11	LB136790
	Cadmium	0.10	0.7	14	-1.3	2.7	08/12/2025	11:11	LB136790
	Chromium	20.2	21.0	96	17	25	08/12/2025	11:11	LB136790
	Copper	7.35	8.0	92	4	12	08/12/2025	11:11	LB136790
	Lead	4.38	4.0	110	2	6	08/12/2025	11:11	LB136790
	Nickel	5.37	6.0	90	4	8	08/12/2025	11:11	LB136790
	Selenium	0.49	0.3	163	-9.7	10	08/12/2025	11:11	LB136790
	Silver	0.040			-2	2	08/12/2025	11:11	LB136790
	Thallium	0.030			-2	2	08/12/2025	11:11	LB136790
	Vanadium	0.21	0.5	42	-9.5	10.5	08/12/2025	11:11	LB136790
	Zinc	9.91	11.0	90	1	21	08/12/2025	11:11	LB136790

Metals

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INTERFERENCE CHECK SAMPLE

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

ICS Source: EPA

Instrument ID: P7

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	Antimony	21.4	22.0	97	18	26	08/12/2025	11:14	LB136790
	Arsenic	20.1	19.0	106	16.2	21.9	08/12/2025	11:14	LB136790
	Barium	21.4	22.0	97	2	42	08/12/2025	11:14	LB136790
	Beryllium	20.0	19.0	105	16.2	21.9	08/12/2025	11:14	LB136790
	Cadmium	20.5	20.0	102	17	23	08/12/2025	11:14	LB136790
	Chromium	41.0	40.0	102	34	46	08/12/2025	11:14	LB136790
	Copper	26.4	25.0	106	21	29	08/12/2025	11:14	LB136790
	Lead	23.2	25.0	93	21.3	28.8	08/12/2025	11:14	LB136790
	Nickel	26.0	24.0	108	20.4	27.6	08/12/2025	11:14	LB136790
	Selenium	20.2	19.0	106	9	29	08/12/2025	11:14	LB136790
	Silver	20.1	18.0	112	15.3	20.7	08/12/2025	11:14	LB136790
	Thallium	19.7	21.0	94	17.9	24.2	08/12/2025	11:14	LB136790
	Vanadium	20.9	19.0	110	9	29	08/12/2025	11:14	LB136790
	Zinc	29.2	29.0	101	19	39	08/12/2025	11:14	LB136790



METAL

QC

DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Nobis Group **level:** low **sdg no.:** Q2747
contract: NOBI03 **lab code:** ACE
matrix: Water **sample id:** Q2747-10 **client id:** OU4-TS-GRILLO-TSCP02-073125MS
Percent Solids for Sample: NA **Spiked ID:** Q2747-10MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	85 - 117	394	D	10.0	UD	500	79	N	P
Arsenic	ug/L	84 - 116	160	D	19.7	D	500	28	N	P
Barium	ug/L	86 - 114	1820	D	113	D	2500	68	N	P
Beryllium	ug/L	83 - 121	463	D	7.60	D	500	91		P
Cadmium	ug/L	87 - 115	472	D	7.65	D	500	93		P
Chromium	ug/L	85 - 116	404	D	11.5	D	500	79	N	P
Copper	ug/L	85 - 118	4470	D	68.6	D	5000	88		P
Lead	ug/L	88 - 115	2370	D	48.8	D	2500	93		P
Nickel	ug/L	85 - 117	510	D	45.5	D	500	93		P
Mercury	ug/L	82 - 119	3.93		0.20	U	4.0	98		CV
Selenium	ug/L	80 - 120	425	D	25.0	UD	500	85		P
Silver	ug/L	85 - 116	65.8	D	5.00	UD	500	13	N	P
Thallium	ug/L	82 - 116	364	D	5.00	UD	500	73	N	P
Vanadium	ug/L	86 - 115	485	D	82.9	D	500	80	N	P
Zinc	ug/L	83 - 119	5350	D	1680	D	5000	73	N	P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Nobis Group</u>	level: <u>low</u>	sdg no.: <u>Q2747</u>
contract: <u>NOBI03</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2747-10</u>	client id: <u>OU4-TS-GRILLO-TSCP02-073125MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2747-10MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	85 - 117	402	D	10.0	UD	500	80	N	P
Arsenic	ug/L	84 - 116	270	D	19.7	D	500	50	N	P
Barium	ug/L	86 - 114	1860	D	113	D	2500	70	N	P
Beryllium	ug/L	83 - 121	459	D	7.60	D	500	90		P
Cadmium	ug/L	87 - 115	482	D	7.65	D	500	95		P
Chromium	ug/L	85 - 116	403	D	11.5	D	500	78	N	P
Copper	ug/L	85 - 118	4500	D	68.6	D	5000	89		P
Lead	ug/L	88 - 115	2380	D	48.8	D	2500	93		P
Nickel	ug/L	85 - 117	512	D	45.5	D	500	93		P
Mercury	ug/L	82 - 119	3.96		0.20	U	4.0	99		CV
Selenium	ug/L	80 - 120	429	D	25.0	UD	500	86		P
Silver	ug/L	85 - 116	67.2	D	5.00	UD	500	13	N	P
Thallium	ug/L	82 - 116	361	D	5.00	UD	500	72	N	P
Vanadium	ug/L	86 - 115	485	D	82.9	D	500	80	N	P
Zinc	ug/L	83 - 119	5370	D	1680	D	5000	74	N	P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>Nobis Group</u>	SDG No.: <u>Q2747</u>	
Contract: <u>NOBI03</u>	Lab Code: <u>ACE</u>	
Matrix: <u>Water</u>	Level: <u>LOW</u>	Client ID: <u>OU4-TS-GRILLO-TSCP02-073125A</u>
Sample ID: <u>Q2747-10</u>	Spiked ID: <u>Q2747-10A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	85 - 117	394	D	10.0	UD	500	79	N	P
Arsenic	ug/L	84 - 116	818	D	19.7	D	500	160	N	P
Barium	ug/L	86 - 114	1840	D	113	D	2500	69	N	P
Chromium	ug/L	85 - 116	402	D	11.5	D	500	78	N	P
Silver	ug/L	85 - 116	65.8	D	5.00	UD	500	13	N	P
Thallium	ug/L	82 - 116	363	D	5.00	UD	500	73	N	P
Vanadium	ug/L	86 - 115	484	D	82.9	D	500	80	N	P
Zinc	ug/L	83 - 119	5350	D	1680	D	5000	73	N	P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Nobis Group **Level:** LOW **SDG No.:** Q2747
Contract: NOBI03 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q2747-10 **Client ID:** OU4-TS-GRILLO-TSCP02-073125DUP
Percent Solids for Sample: NA **Duplicate ID** Q2747-10DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Antimony	ug/L	20	10.0	UD	10.0	UD			P
Arsenic	ug/L	20	19.7	D	19.7	D	0		P
Barium	ug/L	20	113	D	110	D	3		P
Beryllium	ug/L	20	7.60	D	6.90	D	10		P
Cadmium	ug/L	20	7.65	D	7.20	D	6		P
Chromium	ug/L	20	11.5	D	11.3	D	2		P
Copper	ug/L	20	68.6	D	67.5	D	2		P
Lead	ug/L	20	48.8	D	47.8	D	2		P
Nickel	ug/L	20	45.5	D	46.0	D	1		P
Mercury	ug/L	20	0.20	U	0.20	U			CV
Selenium	ug/L	20	25.0	UD	25.0	UD			P
Silver	ug/L	20	5.00	UD	5.00	UD			P
Thallium	ug/L	20	5.00	UD	5.00	UD			P
Vanadium	ug/L	20	82.9	D	82.3	D	1		P
Zinc	ug/L	20	1680	D	1640	D	2		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Nobis Group **Level:** LOW **SDG No.:** Q2747
Contract: NOBI03 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q2747-10MS **Client ID:** OU4-TS-GRILLO-TSCP02-073125MSD
Percent Solids for Sample: NA **Duplicate ID** Q2747-10MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Antimony	ug/L	20	394	D	402	D	2		P
Arsenic	ug/L	20	160	D	270	D	51	*	P
Barium	ug/L	20	1820	D	1860	D	2		P
Beryllium	ug/L	20	463	D	459	D	1		P
Cadmium	ug/L	20	472	D	482	D	2		P
Chromium	ug/L	20	404	D	403	D	0		P
Copper	ug/L	20	4470	D	4500	D	1		P
Lead	ug/L	20	2370	D	2380	D	0		P
Nickel	ug/L	20	510	D	512	D	0		P
Mercury	ug/L	20	3.93		3.96		1		CV
Selenium	ug/L	20	425	D	429	D	1		P
Silver	ug/L	20	65.8	D	67.2	D	2		P
Thallium	ug/L	20	364	D	361	D	1		P
Vanadium	ug/L	20	485	D	485	D	0		P
Zinc	ug/L	20	5350	D	5370	D	0		P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169128BS							
Antimony	ug/L	500	539		108	85 - 117	P
Arsenic	ug/L	500	518		104	84 - 116	P
Barium	ug/L	2500	2630		105	86 - 114	P
Beryllium	ug/L	500	535		107	83 - 121	P
Cadmium	ug/L	500	533		107	87 - 115	P
Chromium	ug/L	500	534		107	85 - 116	P
Copper	ug/L	5000	5350		107	85 - 118	P
Lead	ug/L	2500	2640		106	88 - 115	P
Nickel	ug/L	500	533		107	85 - 117	P
Selenium	ug/L	500	518		104	80 - 120	P
Silver	ug/L	500	545		109	85 - 116	P
Thallium	ug/L	500	530		106	82 - 116	P
Vanadium	ug/L	500	524		105	86 - 115	P
Zinc	ug/L	5000	5350		107	83 - 119	P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169158BS Mercury	ug/L	4.0	4.24		106	82 - 119	CV

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2747

Instrument ID: P7

Start Date : 08/05/2025

Run Number: LB136712

End Date : 08/05/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
S0	S0	1128	100		100		100		100		100	
S2	S2	1134	103		100		101		100		100	
S3	S3	1138	103		101		103		101		102	
S4	S4	1141	103		99		101		99		100	
S5	S5	1144	104		100		102		99		103	
S6	S6	1147	106		101		103		102		105	
S7	S7	1149	106		100		105		101		107	
S8	S8	1152	102		101		101		94		103	
ICV01	ICV01	1252	100		100		99		99		101	
LLICV01	LLICV01	1308	98		101		101		101		99	
ICB01	ICB01	1312	98		102		103		99		99	
ICSA01	ICSA01	1339	96		105		107		102		106	
ICSAB01	ICSAB01	1404	97		107		108		104		109	
CCV01	CCV01	1407	98		107		111		103		111	
CCB01	CCB01	1410	96		101		107		103		104	
CRI	CRI	1414	97		103		108		104		105	
ZZZZZZ	ZZZZZZ	1418										
ZZZZZZ	ZZZZZZ	1431										
ZZZZZZ	ZZZZZZ	1434										
ZZZZZZ	ZZZZZZ	1437										
ZZZZZZ	ZZZZZZ	1440										
ZZZZZZ	ZZZZZZ	1443										
CCV02	CCV02	1446	108		116		120		111		116	
CCB02	CCB02	1453	103		108		113		109		111	
ZZZZZZ	ZZZZZZ	1457										
ZZZZZZ	ZZZZZZ	1500										
ZZZZZZ	ZZZZZZ	1504										
ZZZZZZ	ZZZZZZ	1507										
ZZZZZZ	ZZZZZZ	1510										
ZZZZZZ	ZZZZZZ	1513										
ZZZZZZ	ZZZZZZ	1515										
ZZZZZZ	ZZZZZZ	1518										
ZZZZZZ	ZZZZZZ	1524										
CCV03	CCV03	1528	113		120		120		113		118	
CCB03	CCB03	1530	109		110		114		112		112	
ZZZZZZ	ZZZZZZ	1534										

Internal Standard %RI Limit: 30 - 120

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2747

Instrument ID: P7

Start Date : 08/05/2025

Run Number: LB136712

End Date : 08/05/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
ZZZZZZ	ZZZZZZ	1537										
ZZZZZZ	ZZZZZZ	1540										
ZZZZZZ	ZZZZZZ	1543										
ZZZZZZ	ZZZZZZ	1546										
ZZZZZZ	ZZZZZZ	1556										
ZZZZZZ	ZZZZZZ	1559										
ZZZZZZ	ZZZZZZ	1602										
CCV04	CCV04	1605	112		120		122	*	112		118	
CCB04	CCB04	1608	110		113		115		114		114	
ZZZZZZ	ZZZZZZ	1613										
ZZZZZZ	ZZZZZZ	1616										
ZZZZZZ	ZZZZZZ	1619										
ZZZZZZ	ZZZZZZ	1622										
ZZZZZZ	ZZZZZZ	1625										
ZZZZZZ	ZZZZZZ	1628										
ZZZZZZ	ZZZZZZ	1630										
ZZZZZZ	ZZZZZZ	1634										
CCV05	CCV05	1643	109		112		113		106		115	
CCB05	CCB05	1702	103		109		110		109		110	
PB169128TB	PB169128TB	1705	104		109		111		110		111	
Q2747-02	OU4-TS-GRIL	1709	108		113		116		113		116	
Q2747-04	OU4-TS-GRIL	1712	106		115		119		113		114	
Q2747-06	OU4-TS-GRIL	1715	105		115		118		113		114	
Q2747-08	OU4-TS-GRIL	1718	106		114		117		112		115	
Q2747-10	OU4-TS-GRIL	1721	106		115		120		113		115	
Q2747-10DUP	OU4-TS-GRIL	1725	106		114		119		113		115	
Q2747-10L	OU4-TS-GRIL	1728	104		113		115		113		112	
Q2747-10MS	OU4-TS-GRIL	1731	106		114		120		113		115	
Q2747-10MSD	OU4-TS-GRIL	1734	106		111		119		112		113	
CCV06	CCV06	1737	108		114		117		110		117	
CCB06	CCB06	1747	102		108		112		109		109	
Q2747-10A	OU4-TS-GRIL	1750	106		114		120		114		116	
CCV07	CCV07	1753	106		114		117		108		115	
CCB07	CCB07	1800	103		108		112		110		111	

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2747

Instrument ID: P7

Start Date : 08/05/2025

Run Number: LB136712

End Date : 08/05/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
S0	S0	1128	100		100		100		100		100	
S2	S2	1134	99		100		99		100		100	
S3	S3	1138	100		98		100		101		99	
S4	S4	1141	100		100		100		102		100	
S5	S5	1144	99		99		99		100		100	
S6	S6	1147	101		102		99		103		101	
S7	S7	1149	101		102		101		105		104	
S8	S8	1152	103		102		95		102		101	
ICV01	ICV01	1252	98		98		99		98		97	
LLICV01	LLICV01	1308	99		100		100		99		99	
ICB01	ICB01	1312	99		101		98		100		100	
ICSA01	ICSA01	1339	100		102		103		106		106	
ICSAB01	ICSAB01	1404	98		103		102		108		106	
CCV01	CCV01	1407	103		105		103		107		110	
CCB01	CCB01	1410	97		101		103		105		104	
CRI	CRI	1414	98		101		103		104		103	
ZZZZZZ	ZZZZZZ	1418										
ZZZZZZ	ZZZZZZ	1431										
ZZZZZZ	ZZZZZZ	1434										
ZZZZZZ	ZZZZZZ	1437										
ZZZZZZ	ZZZZZZ	1440										
ZZZZZZ	ZZZZZZ	1443										
CCV02	CCV02	1446	111		113		108		116		117	
CCB02	CCB02	1453	104		107		107		110		108	
ZZZZZZ	ZZZZZZ	1457										
ZZZZZZ	ZZZZZZ	1500										
ZZZZZZ	ZZZZZZ	1504										
ZZZZZZ	ZZZZZZ	1507										
ZZZZZZ	ZZZZZZ	1510										
ZZZZZZ	ZZZZZZ	1513										
ZZZZZZ	ZZZZZZ	1515										
ZZZZZZ	ZZZZZZ	1518										
ZZZZZZ	ZZZZZZ	1524										
CCV03	CCV03	1528	113		116		110		118		120	
CCB03	CCB03	1530	107		111		113		113		113	
ZZZZZZ	ZZZZZZ	1534										

Internal Standard %RI Limit: 30 - 120

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2747

Instrument ID: P7

Start Date : 08/05/2025

Run Number: LB136712

End Date : 08/05/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
ZZZZZZ	ZZZZZZ	1537										
ZZZZZZ	ZZZZZZ	1540										
ZZZZZZ	ZZZZZZ	1543										
ZZZZZZ	ZZZZZZ	1546										
ZZZZZZ	ZZZZZZ	1556										
ZZZZZZ	ZZZZZZ	1559										
ZZZZZZ	ZZZZZZ	1602										
CCV04	CCV04	1605	114		117		110		118		120	
CCB04	CCB04	1608	108		113		112		115		113	
ZZZZZZ	ZZZZZZ	1613										
ZZZZZZ	ZZZZZZ	1616										
ZZZZZZ	ZZZZZZ	1619										
ZZZZZZ	ZZZZZZ	1622										
ZZZZZZ	ZZZZZZ	1625										
ZZZZZZ	ZZZZZZ	1628										
ZZZZZZ	ZZZZZZ	1630										
ZZZZZZ	ZZZZZZ	1634										
CCV05	CCV05	1643	108		109		106		115		113	
CCB05	CCB05	1702	104		106		108		110		109	
PB169128TB	PB169128TB	1705	105		107		107		112		111	
Q2747-02	OU4-TS-GRIL	1709	109		113		114		115		117	
Q2747-04	OU4-TS-GRIL	1712	110		115		112		118		116	
Q2747-06	OU4-TS-GRIL	1715	108		113		112		117		116	
Q2747-08	OU4-TS-GRIL	1718	108		113		113		117		117	
Q2747-10	OU4-TS-GRIL	1721	108		116		113		117		116	
Q2747-10DUP	OU4-TS-GRIL	1725	108		116		114		117		118	
Q2747-10L	OU4-TS-GRIL	1728	106		110		112		115		114	
Q2747-10MS	OU4-TS-GRIL	1731	107		115		112		117		116	
Q2747-10MSD	OU4-TS-GRIL	1734	107		113		111		117		118	
CCV06	CCV06	1737	107		112		105		116		115	
CCB06	CCB06	1747	104		109		110		113		111	
Q2747-10A	OU4-TS-GRIL	1750	110		118		114		118		119	
CCV07	CCV07	1753	108		113		108		115		117	
CCB07	CCB07	1800	104		110		108		111		113	

Internal Standard %RI Limit: 30 - 120

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2747

Instrument ID: P7

Start Date : 08/12/2025

Run Number: LB136790

End Date : 08/12/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
S0	S0	1008	100		100		100		100		100	
S2	S2	1011	98		99		100		99		98	
S3	S3	1018	103		97		100		98		98	
S4	S4	1021	102		97		100		98		100	
S5	S5	1024	102		97		100		97		99	
S6	S6	1027	101		100		101		97		100	
S7	S7	1029	101		99		101		97		101	
S8	S8	1032	95		96		98		89		97	
ICV01	ICV01	1051	94		103		104		101		100	
LLICV01	LLICV01	1054	95		102		105		101		100	
ICB01	ICB01	1104	96		102		104		101		101	
ICSA01	ICSA01	1111	94		103		106		100		103	
ICSAB01	ICSAB01	1114	94		102		109		102		105	
CCV01	CCV01	1117	91		102		106		99		104	
CCB01	CCB01	1120	92		103		108		105		102	
CRI	CRI	1123	94		104		107		104		103	
PB169128BL	PB169128BL	1128	92		102		106		104		101	
PB169128BS	PB169128BS	1131	92		100		105		100		101	
ZZZZZZ	ZZZZZZ	1134										
ZZZZZZ	ZZZZZZ	1137										
ZZZZZZ	ZZZZZZ	1140										
ZZZZZZ	ZZZZZZ	1143										
ZZZZZZ	ZZZZZZ	1146										
ZZZZZZ	ZZZZZZ	1149										
CCV02	CCV02	1201	97		105		108		101		105	
CCB02	CCB02	1205	95		102		105		102		101	

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2747

Instrument ID: P7

Start Date : 08/12/2025

Run Number: LB136790

End Date : 08/12/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
S0	S0	1008	100		100		100		100		100	
S2	S2	1011	99		100		100		99		99	
S3	S3	1018	99		101		100		99		99	
S4	S4	1021	99		97		98		98		100	
S5	S5	1024	99		99		99		101		100	
S6	S6	1027	100		100		100		100		100	
S7	S7	1029	100		99		97		101		100	
S8	S8	1032	100		100		93		99		99	
ICV01	ICV01	1051	103		104		101		102		103	
LLICV01	LLICV01	1054	102		102		101		100		101	
ICB01	ICB01	1104	101		102		101		99		101	
ICSA01	ICSA01	1111	102		104		102		102		104	
ICSAB01	ICSAB01	1114	103		105		103		104		105	
CCV01	CCV01	1117	103		104		98		100		103	
CCB01	CCB01	1120	102		104		105		102		104	
CRI	CRI	1123	102		104		104		103		104	
PB169128BL	PB169128BL	1128	101		104		103		102		103	
PB169128BS	PB169128BS	1131	101		102		100		101		103	
ZZZZZZ	ZZZZZZ	1134										
ZZZZZZ	ZZZZZZ	1137										
ZZZZZZ	ZZZZZZ	1140										
ZZZZZZ	ZZZZZZ	1143										
ZZZZZZ	ZZZZZZ	1146										
ZZZZZZ	ZZZZZZ	1149										
CCV02	CCV02	1201	106		106		101		107		108	
CCB02	CCB02	1205	102		103		103		104		104	

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2747

Instrument ID: P7

Start Date : 08/05/2025

Run Number: LB136712

End Date : 08/05/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
S0	S0	1128	100		100							
S2	S2	1134	100		100							
S3	S3	1138	101		100							
S4	S4	1141	103		101							
S5	S5	1144	103		103							
S6	S6	1147	104		104							
S7	S7	1149	106		103							
S8	S8	1152	103		94							
ICV01	ICV01	1252	101		100							
LLICV01	LLICV01	1308	102		97							
ICB01	ICB01	1312	100		96							
ICSA01	ICSA01	1339	105		100							
ICSAB01	ICSAB01	1404	109		100							
CCV01	CCV01	1407	111		99							
CCB01	CCB01	1410	106		101							
CRI	CRI	1414	106		100							
ZZZZZZ	ZZZZZZ	1418										
ZZZZZZ	ZZZZZZ	1431										
ZZZZZZ	ZZZZZZ	1434										
ZZZZZZ	ZZZZZZ	1437										
ZZZZZZ	ZZZZZZ	1440										
ZZZZZZ	ZZZZZZ	1443										
CCV02	CCV02	1446	119		106							
CCB02	CCB02	1453	111		105							
ZZZZZZ	ZZZZZZ	1457										
ZZZZZZ	ZZZZZZ	1500										
ZZZZZZ	ZZZZZZ	1504										
ZZZZZZ	ZZZZZZ	1507										
ZZZZZZ	ZZZZZZ	1510										
ZZZZZZ	ZZZZZZ	1513										
ZZZZZZ	ZZZZZZ	1515										
ZZZZZZ	ZZZZZZ	1518										
ZZZZZZ	ZZZZZZ	1524										
CCV03	CCV03	1528	119		105							

Internal Standard %RI Limit: 30 -120

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2747

Instrument ID: P7

Start Date : 08/05/2025

Run Number: LB136712

End Date : 08/05/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
CCB03	CCB03	1530	113		106							
ZZZZZZ	ZZZZZZ	1534										
ZZZZZZ	ZZZZZZ	1537										
ZZZZZZ	ZZZZZZ	1540										
ZZZZZZ	ZZZZZZ	1543										
ZZZZZZ	ZZZZZZ	1546										
ZZZZZZ	ZZZZZZ	1556										
ZZZZZZ	ZZZZZZ	1559										
ZZZZZZ	ZZZZZZ	1602										
CCV04	CCV04	1605	118		104							
CCB04	CCB04	1608	115		106							
ZZZZZZ	ZZZZZZ	1613										
ZZZZZZ	ZZZZZZ	1616										
ZZZZZZ	ZZZZZZ	1619										
ZZZZZZ	ZZZZZZ	1622										
ZZZZZZ	ZZZZZZ	1625										
ZZZZZZ	ZZZZZZ	1628										
ZZZZZZ	ZZZZZZ	1630										
ZZZZZZ	ZZZZZZ	1634										
CCV05	CCV05	1643	115		102							
CCB05	CCB05	1702	110		102							
PB169128TB	PB169128TB	1705	110		103							
Q2747-02	OU4-TS-GRILI	1709	115		105							
Q2747-04	OU4-TS-GRILI	1712	115		104							
Q2747-06	OU4-TS-GRILI	1715	116		104							
Q2747-08	OU4-TS-GRILI	1718	114		103							
Q2747-10	OU4-TS-GRILI	1721	116		105							
Q2747-10DUP	OU4-TS-GRILI	1725	117		104							
Q2747-10L	OU4-TS-GRILI	1728	116		103							
Q2747-10MS	OU4-TS-GRILI	1731	115		103							
Q2747-10MSD	OU4-TS-GRILI	1734	116		105							
CCV06	CCV06	1737	118		102							
CCB06	CCB06	1747	112		104							
Q2747-10A	OU4-TS-GRILI	1750	116		105							

Internal Standard %RI Limit: 30 -120

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2747

Instrument ID: P7

Start Date : 08/05/2025

Run Number: LB136712

End Date : 08/05/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
CCV07	CCV07	1753	116		101							
CCB07	CCB07	1800	111		103							

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2747

Instrument ID: P7

Start Date : 08/05/2025

Run Number: LB136712

End Date : 08/05/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
S0	S0	1128	100									
S2	S2	1134	101									
S3	S3	1138	101									
S4	S4	1141	100									
S5	S5	1144	99									
S6	S6	1147	101									
S7	S7	1149	101									
S8	S8	1152	94									
ICV01	ICV01	1252	97									
LLICV01	LLICV01	1308	97									
ICB01	ICB01	1312	99									
ICSA01	ICSA01	1339	101									
ICSAB01	ICSAB01	1404	101									
CCV01	CCV01	1407	101									
CCB01	CCB01	1410	100									
CRI	CRI	1414	101									
ZZZZZZ	ZZZZZZ	1418										
ZZZZZZ	ZZZZZZ	1431										
ZZZZZZ	ZZZZZZ	1434										
ZZZZZZ	ZZZZZZ	1437										
ZZZZZZ	ZZZZZZ	1440										
ZZZZZZ	ZZZZZZ	1443										
CCV02	CCV02	1446	104									
CCB02	CCB02	1453	106									
ZZZZZZ	ZZZZZZ	1457										
ZZZZZZ	ZZZZZZ	1500										
ZZZZZZ	ZZZZZZ	1504										
ZZZZZZ	ZZZZZZ	1507										
ZZZZZZ	ZZZZZZ	1510										
ZZZZZZ	ZZZZZZ	1513										
ZZZZZZ	ZZZZZZ	1515										
ZZZZZZ	ZZZZZZ	1518										
ZZZZZZ	ZZZZZZ	1524										
CCV03	CCV03	1528	105									

Internal Standard %RI Limit: 30 -120

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2747

Instrument ID: P7

Start Date : 08/05/2025

Run Number: LB136712

End Date : 08/05/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
CCB03	CCB03	1530	107									
ZZZZZZ	ZZZZZZ	1534										
ZZZZZZ	ZZZZZZ	1537										
ZZZZZZ	ZZZZZZ	1540										
ZZZZZZ	ZZZZZZ	1543										
ZZZZZZ	ZZZZZZ	1546										
ZZZZZZ	ZZZZZZ	1556										
ZZZZZZ	ZZZZZZ	1559										
ZZZZZZ	ZZZZZZ	1602										
CCV04	CCV04	1605	104									
CCB04	CCB04	1608	108									
ZZZZZZ	ZZZZZZ	1613										
ZZZZZZ	ZZZZZZ	1616										
ZZZZZZ	ZZZZZZ	1619										
ZZZZZZ	ZZZZZZ	1622										
ZZZZZZ	ZZZZZZ	1625										
ZZZZZZ	ZZZZZZ	1628										
ZZZZZZ	ZZZZZZ	1630										
ZZZZZZ	ZZZZZZ	1634										
CCV05	CCV05	1643	100									
CCB05	CCB05	1702	104									
PB169128TB	PB169128TB	1705	104									
Q2747-02	OU4-TS-GRILI	1709	108									
Q2747-04	OU4-TS-GRILI	1712	108									
Q2747-06	OU4-TS-GRILI	1715	107									
Q2747-08	OU4-TS-GRILI	1718	108									
Q2747-10	OU4-TS-GRILI	1721	109									
Q2747-10DUP	OU4-TS-GRILI	1725	108									
Q2747-10L	OU4-TS-GRILI	1728	107									
Q2747-10MS	OU4-TS-GRILI	1731	107									
Q2747-10MSD	OU4-TS-GRILI	1734	107									
CCV06	CCV06	1737	102									
CCB06	CCB06	1747	104									
Q2747-10A	OU4-TS-GRILI	1750	110									

Internal Standard %RI Limit: 30 -120

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2747

Instrument ID: P7

Start Date : 08/05/2025

Run Number: LB136712

End Date : 08/05/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
CCV07	CCV07	1753	101									
CCB07	CCB07	1800	106									

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2747

Instrument ID: P7

Start Date : 08/12/2025

Run Number: LB136790

End Date : 08/12/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
S0	S0	1008	100		100							
S2	S2	1011	97		98							
S3	S3	1018	100		99							
S4	S4	1021	98		100							
S5	S5	1024	100		100							
S6	S6	1027	101		100							
S7	S7	1029	102		99							
S8	S8	1032	98		90							
ICV01	ICV01	1051	100		99							
LLICV01	LLICV01	1054	99		99							
ICB01	ICB01	1104	99		98							
ICSA01	ICSA01	1111	103		97							
ICSAB01	ICSAB01	1114	107		100							
CCV01	CCV01	1117	103		95							
CCB01	CCB01	1120	102		101							
CRI	CRI	1123	102		100							
PB169128BL	PB169128BL	1128	102		99							
PB169128BS	PB169128BS	1131	101		97							
ZZZZZZ	ZZZZZZ	1134										
ZZZZZZ	ZZZZZZ	1137										
ZZZZZZ	ZZZZZZ	1140										
ZZZZZZ	ZZZZZZ	1143										
ZZZZZZ	ZZZZZZ	1146										
ZZZZZZ	ZZZZZZ	1149										
CCV02	CCV02	1201	104		96							
CCB02	CCB02	1205	103		98							

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2747

Instrument ID: P7

Start Date : 08/12/2025

Run Number: LB136790

End Date : 08/12/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
S0	S0	1008	100									
S2	S2	1011	99									
S3	S3	1018	99									
S4	S4	1021	99									
S5	S5	1024	99									
S6	S6	1027	98									
S7	S7	1029	98									
S8	S8	1032	90									
ICV01	ICV01	1051	101									
LLICV01	LLICV01	1054	99									
ICB01	ICB01	1104	98									
ICSA01	ICSA01	1111	98									
ICSAB01	ICSAB01	1114	98									
CCV01	CCV01	1117	94									
CCB01	CCB01	1120	101									
CRI	CRI	1123	101									
PB169128BL	PB169128BL	1128	101									
PB169128BS	PB169128BS	1131	97									
ZZZZZZ	ZZZZZZ	1134										
ZZZZZZ	ZZZZZZ	1137										
ZZZZZZ	ZZZZZZ	1140										
ZZZZZZ	ZZZZZZ	1143										
ZZZZZZ	ZZZZZZ	1146										
ZZZZZZ	ZZZZZZ	1149										
CCV02	CCV02	1201	97									
CCB02	CCB02	1205	101									

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

OU4-TS-GRILLO-TSCP02-073125L

Lab Name: Alliance **Contract:** NOBI03
Lab Code: ACE **Lb No.:** lb136712 **Lab Sample ID :** Q2747-10L **SDG No.:** Q2747
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
		C		C			
Antimony	10.0	UD	50.0	UD			P
Arsenic	19.7	D	18.5	JD	6		P
Barium	113	D	110	JD	3		P
Beryllium	7.60	D	25.0	UD	100		P
Cadmium	7.65	D	25.0	UD	100		P
Chromium	11.5	D	12.3	JD	7		P
Copper	68.6	D	67.3	D	2		P
Lead	48.8	D	48.0	D	2		P
Nickel	45.5	D	48.5	D	7		P
Mercury	0.20	U	1.00	U			CV
Selenium	25.0	UD	125	UD			P
Silver	5.00	UD	25.0	UD			P
Thallium	5.00	UD	25.0	UD			P
Vanadium	82.9	D	81.8	JD	1		P
Zinc	1680	D	1650	D	2		P



METAL PREPARATION & INSTRUMENT DATA



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169128							
PB169128BL	PB169128BL	MB	WATER	08/05/2025	50.0	50.0	
PB169128BS	PB169128BS	LCS	WATER	08/05/2025	50.0	50.0	
PB169128TB	PB169128TB	MB	WATER	08/05/2025	50.0	50.0	
Q2747-02	OU4-TS-GRILLO-OG2-073125	SAM	WATER	08/05/2025	50.0	50.0	
Q2747-04	OU4-TS-GRILLO-OG3-073125	SAM	WATER	08/05/2025	50.0	50.0	
Q2747-06	OU4-TS-GRILLO-OG4-073125	SAM	WATER	08/05/2025	50.0	50.0	
Q2747-08	OU4-TS-GRILLO-TSCP01-073125	SAM	WATER	08/05/2025	50.0	50.0	
Q2747-10	OU4-TS-GRILLO-TSCP02-073125	SAM	WATER	08/05/2025	50.0	50.0	
Q2747-10DUP	OU4-TS-GRILLO-TSCP02-073125DUP	DUP	WATER	08/05/2025	50.0	50.0	
Q2747-10MS	OU4-TS-GRILLO-TSCP02-073125MS	MS	WATER	08/05/2025	50.0	50.0	
Q2747-10MSD	OU4-TS-GRILLO-TSCP02-073125MSD	MSD	WATER	08/05/2025	50.0	50.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: Nobis Group

SDG No.: Q2747

Contract: NOBI03

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169158							
PB169158BL	PB169158BL	MB	WATER	08/06/2025	30.0	30.0	
PB169158BS	PB169158BS	LCS	WATER	08/06/2025	30.0	30.0	
PB169158TB	PB169158TB	MB	WATER	08/06/2025	30.0	30.0	
Q2747-02	OU4-TS-GRILLO-OG2-073125	SAM	WATER	08/06/2025	30.0	30.0	
Q2747-04	OU4-TS-GRILLO-OG3-073125	SAM	WATER	08/06/2025	30.0	30.0	
Q2747-06	OU4-TS-GRILLO-OG4-073125	SAM	WATER	08/06/2025	30.0	30.0	
Q2747-08	OU4-TS-GRILLO-TSCP01-073125	SAM	WATER	08/06/2025	30.0	30.0	
Q2747-10	OU4-TS-GRILLO-TSCP02-073125	SAM	WATER	08/06/2025	30.0	30.0	
Q2747-10DUP	OU4-TS-GRILLO-TSCP02-073125DUP	DUP	WATER	08/06/2025	30.0	30.0	
Q2747-10MS	OU4-TS-GRILLO-TSCP02-073125MS	MS	WATER	08/06/2025	30.0	30.0	
Q2747-10MSD	OU4-TS-GRILLO-TSCP02-073125MSD	MSD	WATER	08/06/2025	30.0	30.0	

metals
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ANALYSIS RUN LOG

Client: Nobis Group

Contract: NOBI03

Lab code: ACE

Sdg no.: Q2747

Instrument id number: _____

Method: _____

Run number: LB136712

Start date: 08/05/2025

End date: 08/05/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1128	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1134	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1138	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1141	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1144	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S6	S6	1	1147	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S7	S7	1	1149	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S8	S8	1	1152	,
ICV01	ICV01	1	1252	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1308	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1312	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1339	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1404	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1407	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1410	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CRI	CRI	1	1414	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1446	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1453	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1528	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1530	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1605	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1608	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1643	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1702	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
PB169128TB	PB169128TB	1	1705	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2747-02	OU4-TS-GRILLO-OG2-073125	5	1709	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2747-04	OU4-TS-GRILLO-OG3-073125	5	1712	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2747-06	OU4-TS-GRILLO-OG4-073125	5	1715	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2747-08	OU4-TS-GRILLO-TSCP01-0731	5	1718	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2747-10	OU4-TS-GRILLO-TSCP02-0731	5	1721	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2747-10DUP	OU4-TS-GRILLO-TSCP02-0731	5	1725	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2747-10L	OU4-TS-GRILLO-TSCP02-0731	25	1728	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2747-10MS	OU4-TS-GRILLO-TSCP02-0731	5	1731	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2747-10MSD	OU4-TS-GRILLO-TSCP02-0731	5	1734	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1737	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1747	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2747-10A	OU4-TS-GRILLO-TSCP02-0731	5	1750	Ag,As,Ba,Cr,Sb,Tl,V,Zn
CCV07	CCV07	1	1753	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1800	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: Nobis Group

Contract: NOBI03

Lab code: ACE

Sdg no.: Q2747

Instrument id number: _____

Method: _____

Run number: LB136732

Start date: 08/07/2025

End date: 08/07/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0927	HG
S0.2	S0.2	1	0929	HG
S2.5	S2.5	1	0931	HG
S5	S5	1	0933	HG
S7.5	S7.5	1	0936	HG
S10	S10	1	0938	HG
ICV56	ICV56	1	0941	HG
ICB56	ICB56	1	0946	HG
CCV95	CCV95	1	0948	HG
CCB95	CCB95	1	0951	HG
CRA	CRA	1	0958	HG
PB169158BL	PB169158BL	1	1007	HG
PB169158BS	PB169158BS	1	1010	HG
Q2747-02	OU4-TS-GRILLO-OG2-073125	1	1012	HG
Q2747-04	OU4-TS-GRILLO-OG3-073125	1	1014	HG
Q2747-06	OU4-TS-GRILLO-OG4-073125	1	1017	HG
Q2747-08	OU4-TS-GRILLO-TSCP01-0731	1	1019	HG
Q2747-10	OU4-TS-GRILLO-TSCP02-0731	1	1021	HG
CCV96	CCV96	1	1023	HG
CCB96	CCB96	1	1026	HG
Q2747-10DUP	OU4-TS-GRILLO-TSCP02-0731	1	1028	HG
Q2747-10MS	OU4-TS-GRILLO-TSCP02-0731	1	1030	HG
Q2747-10MSD	OU4-TS-GRILLO-TSCP02-0731	1	1032	HG
PB169158TB	PB169158TB	1	1035	HG
Q2747-10L	OU4-TS-GRILLO-TSCP02-0731	5	1037	HG
CCV97	CCV97	1	1042	HG
CCB97	CCB97	1	1044	HG

metals
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ANALYSIS RUN LOG

Client: Nobis Group

Contract: NOBI03

Lab code: ACE

Sdg no.: Q2747

Instrument id number: _____

Method: _____

Run number: LB136790

Start date: 08/12/2025

End date: 08/12/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1008	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1011	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1018	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1021	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1024	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S6	S6	1	1027	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S7	S7	1	1029	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S8	S8	1	1032	,
ICV01	ICV01	1	1051	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1054	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1104	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1111	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1114	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1117	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1120	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CRI	CRI	1	1123	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
PB169128BL	PB169128BL	1	1128	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
PB169128BS	PB169128BS	1	1131	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1201	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1205	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1219	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1223	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1239	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1247	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn