

LAB CHRONICLE

OrderID:	Q2638	OrderDate:	7/18/2025 10:07:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O21,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2638-01	OU4-TS-31-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-02	OU4-TS-31-071725	Water			07/17/25			07/18/25
			SPLP Mercury	7470A		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/22/25	
Q2638-03	OU4-TS-32-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-04	OU4-TS-32-071725	Water			07/17/25			07/18/25
			SPLP Mercury	7470A		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/24/25	
Q2638-05	OU4-TS-33-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-06	OU4-TS-33-071725	Water			07/17/25			07/18/25
			SPLP Mercury	7470A		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/24/25	
Q2638-07	OU4-TS-34-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-08	OU4-TS-34-071725	Water			07/17/25			07/18/25
			SPLP Mercury	7470A		07/21/25	07/22/25	

LAB CHRONICLE

			SPLP MetalGroup3	6020B		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/24/25	
Q2638-09	OU4-TS-35-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-10	OU4-TS-35-071725	Water			07/17/25			07/18/25
			SPLP Mercury	7470A		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/24/25	
Q2638-11	OU4-TS-36-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-12	OU4-TS-36-071725	Water			07/17/25			07/18/25
			SPLP Mercury	7470A		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/24/25	
Q2638-13	OU4-TS-37-071725	SOIL			07/17/25			07/18/25
			Mercury	7471B		07/18/25	07/21/25	
			Metals ICP-TAL	6010D		07/18/25	07/21/25	
Q2638-14	OU4-TS-37-071725	Water			07/17/25			07/18/25
			SPLP Mercury	7470A		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/22/25	
			SPLP MetalGroup3	6020B		07/21/25	07/24/25	

Hit Summary Sheet SW-846

SDG No.: Q2638 **Order ID:** Q2638
Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-31-071725									
Q2638-02	OU4-TS-31-071725	Water	Antimony	13.4	D	0.55	1.25	10.0	ug/L
Q2638-02	OU4-TS-31-071725	Water	Arsenic	63.3	D	0.45	1.25	5.00	ug/L
Q2638-02	OU4-TS-31-071725	Water	Barium	120	D	1.05	6.25	50.0	ug/L
Q2638-02	OU4-TS-31-071725	Water	Cadmium	8.75	D	1.70	2.50	5.00	ug/L
Q2638-02	OU4-TS-31-071725	Water	Chromium	50.4	D	1.05	3.75	10.0	ug/L
Q2638-02	OU4-TS-31-071725	Water	Copper	381	D	1.50	7.50	10.0	ug/L
Q2638-02	OU4-TS-31-071725	Water	Lead	82.3	D	5.25	18.8	25.0	ug/L
Q2638-02	OU4-TS-31-071725	Water	Nickel	151	D	1.35	3.75	5.00	ug/L
Q2638-02	OU4-TS-31-071725	Water	Mercury	0.081	J	0.076	0.16	0.20	ug/L
Q2638-02	OU4-TS-31-071725	Water	Silver	3.55	JD	0.30	2.50	5.00	ug/L
Q2638-02	OU4-TS-31-071725	Water	Thallium	2.25	JD	1.50	12.5	25.0	ug/L
Q2638-02	OU4-TS-31-071725	Water	Vanadium	126	D	0.39	1.25	25.0	ug/L
Q2638-02	OU4-TS-31-071725	Water	Zinc	1780	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-32-071725									
Q2638-04	OU4-TS-32-071725	Water	Antimony	9.70	JD	0.55	1.25	10.0	ug/L
Q2638-04	OU4-TS-32-071725	Water	Arsenic	111	D	4.45	12.5	50.0	ug/L
Q2638-04	OU4-TS-32-071725	Water	Barium	182	D	1.05	6.25	50.0	ug/L
Q2638-04	OU4-TS-32-071725	Water	Cadmium	11.8	D	1.70	2.50	5.00	ug/L
Q2638-04	OU4-TS-32-071725	Water	Chromium	106	D	1.05	3.75	10.0	ug/L
Q2638-04	OU4-TS-32-071725	Water	Copper	786	D	1.50	7.50	10.0	ug/L
Q2638-04	OU4-TS-32-071725	Water	Lead	147	D	5.25	18.8	25.0	ug/L
Q2638-04	OU4-TS-32-071725	Water	Nickel	282	D	1.35	3.75	5.00	ug/L
Q2638-04	OU4-TS-32-071725	Water	Mercury	0.35		0.076	0.16	0.20	ug/L
Q2638-04	OU4-TS-32-071725	Water	Silver	2.45	JD	0.30	2.50	5.00	ug/L
Q2638-04	OU4-TS-32-071725	Water	Thallium	2.50	JD	1.50	12.5	25.0	ug/L
Q2638-04	OU4-TS-32-071725	Water	Vanadium	200	D	0.39	1.25	25.0	ug/L
Q2638-04	OU4-TS-32-071725	Water	Zinc	1970	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-33-071725									
Q2638-06	OU4-TS-33-071725	Water	Antimony	8.40	JD	0.55	1.25	10.0	ug/L
Q2638-06	OU4-TS-33-071725	Water	Arsenic	70.2	D	0.45	1.25	5.00	ug/L
Q2638-06	OU4-TS-33-071725	Water	Barium	115	D	1.05	6.25	50.0	ug/L
Q2638-06	OU4-TS-33-071725	Water	Cadmium	9.50	D	1.70	2.50	5.00	ug/L
Q2638-06	OU4-TS-33-071725	Water	Chromium	66.0	D	1.05	3.75	10.0	ug/L
Q2638-06	OU4-TS-33-071725	Water	Copper	604	D	1.50	7.50	10.0	ug/L
Q2638-06	OU4-TS-33-071725	Water	Lead	99.8	D	5.25	18.8	25.0	ug/L
Q2638-06	OU4-TS-33-071725	Water	Nickel	205	D	1.35	3.75	5.00	ug/L

Hit Summary Sheet SW-846

SDG No.: Q2638 **Order ID:** Q2638
Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2638-06	OU4-TS-33-071725	Water	Silver	1.90	JD	0.30	2.50	5.00	ug/L
Q2638-06	OU4-TS-33-071725	Water	Thallium	2.00	JD	1.50	12.5	25.0	ug/L
Q2638-06	OU4-TS-33-071725	Water	Vanadium	145	D	0.39	1.25	25.0	ug/L
Q2638-06	OU4-TS-33-071725	Water	Zinc	1760	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-34-071725									
Q2638-08	OU4-TS-34-071725	Water	Antimony	7.30	JD	0.55	1.25	10.0	ug/L
Q2638-08	OU4-TS-34-071725	Water	Arsenic	52.5	D	0.45	1.25	5.00	ug/L
Q2638-08	OU4-TS-34-071725	Water	Barium	125	D	1.05	6.25	50.0	ug/L
Q2638-08	OU4-TS-34-071725	Water	Cadmium	11.6	D	1.70	2.50	5.00	ug/L
Q2638-08	OU4-TS-34-071725	Water	Chromium	51.0	D	1.05	3.75	10.0	ug/L
Q2638-08	OU4-TS-34-071725	Water	Copper	371	D	1.50	7.50	10.0	ug/L
Q2638-08	OU4-TS-34-071725	Water	Lead	52.5	D	10.5	37.5	50.0	ug/L
Q2638-08	OU4-TS-34-071725	Water	Nickel	230	D	1.35	3.75	5.00	ug/L
Q2638-08	OU4-TS-34-071725	Water	Silver	1.50	JD	0.30	2.50	5.00	ug/L
Q2638-08	OU4-TS-34-071725	Water	Vanadium	78.8	D	0.39	1.25	25.0	ug/L
Q2638-08	OU4-TS-34-071725	Water	Zinc	2020	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-35-071725									
Q2638-10	OU4-TS-35-071725	Water	Antimony	8.70	JD	0.55	1.25	10.0	ug/L
Q2638-10	OU4-TS-35-071725	Water	Arsenic	42.7	D	0.45	1.25	5.00	ug/L
Q2638-10	OU4-TS-35-071725	Water	Barium	84.6	D	1.05	6.25	50.0	ug/L
Q2638-10	OU4-TS-35-071725	Water	Beryllium	3.05	JD	1.60	3.75	5.00	ug/L
Q2638-10	OU4-TS-35-071725	Water	Cadmium	12.3	D	1.70	2.50	5.00	ug/L
Q2638-10	OU4-TS-35-071725	Water	Chromium	171	D	1.05	3.75	10.0	ug/L
Q2638-10	OU4-TS-35-071725	Water	Copper	1400	D	1.50	7.50	10.0	ug/L
Q2638-10	OU4-TS-35-071725	Water	Lead	240	D	10.5	37.5	50.0	ug/L
Q2638-10	OU4-TS-35-071725	Water	Nickel	227	D	1.35	3.75	5.00	ug/L
Q2638-10	OU4-TS-35-071725	Water	Mercury	0.28		0.076	0.16	0.20	ug/L
Q2638-10	OU4-TS-35-071725	Water	Silver	2.05	JD	0.30	2.50	5.00	ug/L
Q2638-10	OU4-TS-35-071725	Water	Vanadium	204	D	0.39	1.25	25.0	ug/L
Q2638-10	OU4-TS-35-071725	Water	Zinc	1860	D	6.25	7.50	25.0	ug/L
Client ID : OU4-TS-36-071725									
Q2638-12	OU4-TS-36-071725	Water	Antimony	9.10	JD	0.55	1.25	10.0	ug/L
Q2638-12	OU4-TS-36-071725	Water	Arsenic	45.4	D	0.45	1.25	5.00	ug/L
Q2638-12	OU4-TS-36-071725	Water	Barium	88.1	D	1.05	6.25	50.0	ug/L
Q2638-12	OU4-TS-36-071725	Water	Beryllium	3.50	JD	1.60	3.75	5.00	ug/L
Q2638-12	OU4-TS-36-071725	Water	Cadmium	11.9	D	1.70	2.50	5.00	ug/L
Q2638-12	OU4-TS-36-071725	Water	Chromium	182	D	1.05	3.75	10.0	ug/L
Q2638-12	OU4-TS-36-071725	Water	Copper	1430	D	1.50	7.50	10.0	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q2638 **Order ID:** Q2638
Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2638-12	OU4-TS-36-071725	Water	Lead	255	D	10.5	37.5	50.0	ug/L
Q2638-12	OU4-TS-36-071725	Water	Nickel	205	D	1.35	3.75	5.00	ug/L
Q2638-12	OU4-TS-36-071725	Water	Mercury	0.30		0.076	0.16	0.20	ug/L
Q2638-12	OU4-TS-36-071725	Water	Silver	1.95	JD	0.30	2.50	5.00	ug/L
Q2638-12	OU4-TS-36-071725	Water	Vanadium	198	D	0.39	1.25	25.0	ug/L
Q2638-12	OU4-TS-36-071725	Water	Zinc	1820	D	6.25	7.50	25.0	ug/L

Client ID : OU4-TS-37-071725

Q2638-14	OU4-TS-37-071725	Water	Antimony	8.90	JD	0.55	1.25	10.0	ug/L
Q2638-14	OU4-TS-37-071725	Water	Arsenic	45.5	D	0.45	1.25	5.00	ug/L
Q2638-14	OU4-TS-37-071725	Water	Barium	87.5	D	1.05	6.25	50.0	ug/L
Q2638-14	OU4-TS-37-071725	Water	Beryllium	3.45	JD	1.60	3.75	5.00	ug/L
Q2638-14	OU4-TS-37-071725	Water	Cadmium	14.9	D	1.70	2.50	5.00	ug/L
Q2638-14	OU4-TS-37-071725	Water	Chromium	193	D	1.05	3.75	10.0	ug/L
Q2638-14	OU4-TS-37-071725	Water	Copper	1650	D	1.50	7.50	10.0	ug/L
Q2638-14	OU4-TS-37-071725	Water	Lead	272	D	5.25	18.8	25.0	ug/L
Q2638-14	OU4-TS-37-071725	Water	Nickel	230	D	1.35	3.75	5.00	ug/L
Q2638-14	OU4-TS-37-071725	Water	Mercury	0.17	J	0.076	0.16	0.20	ug/L
Q2638-14	OU4-TS-37-071725	Water	Silver	2.05	JD	0.30	2.50	5.00	ug/L
Q2638-14	OU4-TS-37-071725	Water	Thallium	1.75	JD	1.50	12.5	25.0	ug/L
Q2638-14	OU4-TS-37-071725	Water	Vanadium	223	D	0.39	1.25	25.0	ug/L
Q2638-14	OU4-TS-37-071725	Water	Zinc	2040	D	6.25	7.50	25.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-31-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-02	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	13.4	DN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 17:21	6020B	3010A
7440-38-2	Arsenic	63.3	D	5	0.45	1.25	5.00	ug/L	07/21/25 11:30	07/22/25 17:21	6020B	3010A
7440-39-3	Barium	120	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 17:21	6020B	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:21	6020B	3010A
7440-43-9	Cadmium	8.75	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:21	6020B	3010A
7440-47-3	Chromium	50.4	DN	5	1.05	3.75	10.0	ug/L	07/21/25 11:30	07/22/25 17:21	6020B	3010A
7440-50-8	Copper	381	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 17:21	6020B	3010A
7439-92-1	Lead	82.3	DN	25	5.25	18.8	25.0	ug/L	07/21/25 11:30	07/22/25 22:15	6020B	3010A
7439-97-6	Mercury	0.081	J	1	0.076	0.16	0.20	ug/L	07/21/25 13:30	07/22/25 15:39	7470A	
7440-02-0	Nickel	151	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:21	6020B	3010A
7782-49-2	Selenium	113	UD	25	72.5	113	125	ug/L	07/21/25 11:30	07/22/25 22:15	6020B	3010A
7440-22-4	Silver	3.55	JDN	5	0.30	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:21	6020B	3010A
7440-28-0	Thallium	2.25	JDN	25	1.50	12.5	25.0	ug/L	07/21/25 11:30	07/22/25 22:15	6020B	3010A
7440-62-2	Vanadium	126	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 17:21	6020B	3010A
7440-66-6	Zinc	1780	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 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

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-32-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-04	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	9.70	JDN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 17:25	6020B	3010A
7440-38-2	Arsenic	111	D	50	4.45	12.5	50.0	ug/L	07/21/25 11:30	07/24/25 12:34	6020B	3010A
7440-39-3	Barium	182	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 17:25	6020B	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:25	6020B	3010A
7440-43-9	Cadmium	11.8	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:25	6020B	3010A
7440-47-3	Chromium	106	DN	5	1.05	3.75	10.0	ug/L	07/21/25 11:30	07/22/25 17:25	6020B	3010A
7440-50-8	Copper	786	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 17:25	6020B	3010A
7439-92-1	Lead	147	DN	25	5.25	18.8	25.0	ug/L	07/21/25 11:30	07/22/25 22:18	6020B	3010A
7439-97-6	Mercury	0.35		1	0.076	0.16	0.20	ug/L	07/21/25 13:30	07/22/25 15:42	7470A	
7440-02-0	Nickel	282	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:25	6020B	3010A
7782-49-2	Selenium	225	UD	50	145	225	250	ug/L	07/21/25 11:30	07/24/25 12:34	6020B	3010A
7440-22-4	Silver	2.45	JDN	5	0.30	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:25	6020B	3010A
7440-28-0	Thallium	2.50	JDN	25	1.50	12.5	25.0	ug/L	07/21/25 11:30	07/22/25 22:18	6020B	3010A
7440-62-2	Vanadium	200	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 17:25	6020B	3010A
7440-66-6	Zinc	1970	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 17:25	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:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-33-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-06	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	8.40	JDN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 17:28	6020B	3010A
7440-38-2	Arsenic	70.2	D	5	0.45	1.25	5.00	ug/L	07/21/25 11:30	07/22/25 17:28	6020B	3010A
7440-39-3	Barium	115	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 17:28	6020B	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:28	6020B	3010A
7440-43-9	Cadmium	9.50	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:28	6020B	3010A
7440-47-3	Chromium	66.0	DN	5	1.05	3.75	10.0	ug/L	07/21/25 11:30	07/22/25 17:28	6020B	3010A
7440-50-8	Copper	604	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 17:28	6020B	3010A
7439-92-1	Lead	99.8	DN	25	5.25	18.8	25.0	ug/L	07/21/25 11:30	07/22/25 22:21	6020B	3010A
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	07/21/25 13:30	07/22/25 15:44	7470A	
7440-02-0	Nickel	205	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:28	6020B	3010A
7782-49-2	Selenium	225	UD	50	145	225	250	ug/L	07/21/25 11:30	07/24/25 12:50	6020B	3010A
7440-22-4	Silver	1.90	JDN	5	0.30	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:28	6020B	3010A
7440-28-0	Thallium	2.00	JDN	25	1.50	12.5	25.0	ug/L	07/21/25 11:30	07/22/25 22:21	6020B	3010A
7440-62-2	Vanadium	145	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 17:28	6020B	3010A
7440-66-6	Zinc	1760	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 17:28	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:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-34-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-08	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	7.30	JDN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 17:31	6020B	3010A
7440-38-2	Arsenic	52.5	D	5	0.45	1.25	5.00	ug/L	07/21/25 11:30	07/22/25 17:31	6020B	3010A
7440-39-3	Barium	125	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 17:31	6020B	3010A
7440-41-7	Beryllium	3.75	UD	5	1.60	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:31	6020B	3010A
7440-43-9	Cadmium	11.6	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:31	6020B	3010A
7440-47-3	Chromium	51.0	DN	5	1.05	3.75	10.0	ug/L	07/21/25 11:30	07/22/25 17:31	6020B	3010A
7440-50-8	Copper	371	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 17:31	6020B	3010A
7439-92-1	Lead	52.5	DN	50	10.5	37.5	50.0	ug/L	07/21/25 11:30	07/24/25 12:53	6020B	3010A
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	07/21/25 13:30	07/22/25 15:46	7470A	
7440-02-0	Nickel	230	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:31	6020B	3010A
7782-49-2	Selenium	225	UD	50	145	225	250	ug/L	07/21/25 11:30	07/24/25 12:53	6020B	3010A
7440-22-4	Silver	1.50	JDN	5	0.30	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:31	6020B	3010A
7440-28-0	Thallium	25.0	UDN	50	3.00	25.0	50.0	ug/L	07/21/25 11:30	07/24/25 12:53	6020B	3010A
7440-62-2	Vanadium	78.8	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 17:31	6020B	3010A
7440-66-6	Zinc	2020	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 17:31	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:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-35-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-10	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	8.70	JDN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 17:34	6020B	3010A
7440-38-2	Arsenic	42.7	D	5	0.45	1.25	5.00	ug/L	07/21/25 11:30	07/22/25 17:34	6020B	3010A
7440-39-3	Barium	84.6	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 17:34	6020B	3010A
7440-41-7	Beryllium	3.05	JD	5	1.60	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:34	6020B	3010A
7440-43-9	Cadmium	12.3	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:34	6020B	3010A
7440-47-3	Chromium	171	DN	5	1.05	3.75	10.0	ug/L	07/21/25 11:30	07/22/25 17:34	6020B	3010A
7440-50-8	Copper	1400	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 17:34	6020B	3010A
7439-92-1	Lead	240	DN	50	10.5	37.5	50.0	ug/L	07/21/25 11:30	07/24/25 12:56	6020B	3010A
7439-97-6	Mercury	0.28		1	0.076	0.16	0.20	ug/L	07/21/25 13:30	07/22/25 15:48	7470A	
7440-02-0	Nickel	227	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:34	6020B	3010A
7782-49-2	Selenium	225	UD	50	145	225	250	ug/L	07/21/25 11:30	07/24/25 12:56	6020B	3010A
7440-22-4	Silver	2.05	JDN	5	0.30	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:34	6020B	3010A
7440-28-0	Thallium	25.0	UDN	50	3.00	25.0	50.0	ug/L	07/21/25 11:30	07/24/25 12:56	6020B	3010A
7440-62-2	Vanadium	204	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 17:34	6020B	3010A
7440-66-6	Zinc	1860	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 17:34	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

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 B = Analyte Found in Associated Method Blank
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 OR = Over Range
 N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-36-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-12	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	9.10	JDN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A
7440-38-2	Arsenic	45.4	D	5	0.45	1.25	5.00	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A
7440-39-3	Barium	88.1	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A
7440-41-7	Beryllium	3.50	JD	5	1.60	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A
7440-43-9	Cadmium	11.9	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A
7440-47-3	Chromium	182	DN	5	1.05	3.75	10.0	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A
7440-50-8	Copper	1430	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A
7439-92-1	Lead	255	DN	50	10.5	37.5	50.0	ug/L	07/21/25 11:30	07/24/25 12:59	6020B	3010A
7439-97-6	Mercury	0.30		1	0.076	0.16	0.20	ug/L	07/21/25 13:30	07/22/25 16:01	7470A	
7440-02-0	Nickel	205	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A
7782-49-2	Selenium	225	UD	50	145	225	250	ug/L	07/21/25 11:30	07/24/25 12:59	6020B	3010A
7440-22-4	Silver	1.95	JDN	5	0.30	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A
7440-28-0	Thallium	25.0	UDN	50	3.00	25.0	50.0	ug/L	07/21/25 11:30	07/24/25 12:59	6020B	3010A
7440-62-2	Vanadium	198	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A
7440-66-6	Zinc	1820	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 17:37	6020B	3010A

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

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 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

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 B = Analyte Found in Associated Method Blank
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 OR = Over Range
 N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-37-071725	SDG No.:	Q2638
Lab Sample ID:	Q2638-14	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	8.90	JDN	5	0.55	1.25	10.0	ug/L	07/21/25 11:30	07/22/25 17:40	6020B	3010A
7440-38-2	Arsenic	45.5	D	5	0.45	1.25	5.00	ug/L	07/21/25 11:30	07/22/25 17:40	6020B	3010A
7440-39-3	Barium	87.5	DN	5	1.05	6.25	50.0	ug/L	07/21/25 11:30	07/22/25 17:40	6020B	3010A
7440-41-7	Beryllium	3.45	JD	5	1.60	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:40	6020B	3010A
7440-43-9	Cadmium	14.9	D	5	1.70	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:40	6020B	3010A
7440-47-3	Chromium	193	DN	5	1.05	3.75	10.0	ug/L	07/21/25 11:30	07/22/25 17:40	6020B	3010A
7440-50-8	Copper	1650	D	5	1.50	7.50	10.0	ug/L	07/21/25 11:30	07/22/25 17:40	6020B	3010A
7439-92-1	Lead	272	DN	25	5.25	18.8	25.0	ug/L	07/21/25 11:30	07/22/25 22:24	6020B	3010A
7439-97-6	Mercury	0.17	J	1	0.076	0.16	0.20	ug/L	07/21/25 13:30	07/22/25 16:03	7470A	
7440-02-0	Nickel	230	D	5	1.35	3.75	5.00	ug/L	07/21/25 11:30	07/22/25 17:40	6020B	3010A
7782-49-2	Selenium	225	UD	50	145	225	250	ug/L	07/21/25 11:30	07/24/25 13:03	6020B	3010A
7440-22-4	Silver	2.05	JDN	5	0.30	2.50	5.00	ug/L	07/21/25 11:30	07/22/25 17:40	6020B	3010A
7440-28-0	Thallium	1.75	JDN	25	1.50	12.5	25.0	ug/L	07/21/25 11:30	07/22/25 22:24	6020B	3010A
7440-62-2	Vanadium	223	DN	5	0.39	1.25	25.0	ug/L	07/21/25 11:30	07/22/25 17:40	6020B	3010A
7440-66-6	Zinc	2040	D	5	6.25	7.50	25.0	ug/L	07/21/25 11:30	07/22/25 17:40	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
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METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2638

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
ICV36	Mercury	3.82	4.0	96	90 - 110	CV	07/22/2025	15:13	LB136570

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2638

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
CCV34	Mercury	4.50	5.0	90	90 - 110	CV	07/22/2025	15:17	LB136570
CCV35	Mercury	4.91	5.0	98	90 - 110	CV	07/22/2025	15:54	LB136570
CCV36	Mercury	5.27	5.0	105	90 - 110	CV	07/22/2025	16:28	LB136570
CCV37	Mercury	5.14	5.0	103	90 - 110	CV	07/22/2025	16:58	LB136570
CCV38	Mercury	4.98	5.0	100	90 - 110	CV	07/22/2025	17:31	LB136570
CCV39	Mercury	4.96	5.0	99	90 - 110	CV	07/22/2025	18:15	LB136570
CCV40	Mercury	5.05	5.0	101	90 - 110	CV	07/22/2025	18:56	LB136570

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2638

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	425	400	106	90 - 110	P	07/22/2025	16:39	LB136576
	Arsenic	426	400	106	90 - 110	P	07/22/2025	16:39	LB136576
	Barium	1710	1600	107	90 - 110	P	07/22/2025	16:39	LB136576
	Beryllium	37.9	40.0	95	90 - 110	P	07/22/2025	16:39	LB136576
	Cadmium	213	200	107	90 - 110	P	07/22/2025	16:39	LB136576
	Chromium	153	160	96	90 - 110	P	07/22/2025	16:39	LB136576
	Copper	190	200	95	90 - 110	P	07/22/2025	16:39	LB136576
	Lead	392	400	98	90 - 110	P	07/22/2025	16:39	LB136576
	Nickel	437	400	109	90 - 110	P	07/22/2025	16:39	LB136576
	Selenium	434	400	108	90 - 110	P	07/22/2025	16:39	LB136576
	Silver	213	200	107	90 - 110	P	07/22/2025	16:39	LB136576
	Thallium	408	400	102	90 - 110	P	07/22/2025	16:39	LB136576
	Vanadium	375	400	94	90 - 110	P	07/22/2025	16:39	LB136576
	Zinc	388	400	97	90 - 110	P	07/22/2025	16:39	LB136576

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2638

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	2.06	2.0	103	80 - 120	P	07/22/2025	16:42	LB136576
	Arsenic	1.10	1.0	110	80 - 120	P	07/22/2025	16:42	LB136576
	Barium	9.56	10.0	96	80 - 120	P	07/22/2025	16:42	LB136576
	Beryllium	1.20	1.0	120	80 - 120	P	07/22/2025	16:42	LB136576
	Cadmium	0.99	1.0	99	80 - 120	P	07/22/2025	16:42	LB136576
	Chromium	2.02	2.0	101	80 - 120	P	07/22/2025	16:42	LB136576
	Copper	1.62	2.0	81	80 - 120	P	07/22/2025	16:42	LB136576
	Lead	0.80	1.0	80	80 - 120	P	07/22/2025	16:42	LB136576
	Nickel	1.05	1.0	105	80 - 120	P	07/22/2025	16:42	LB136576
	Selenium	5.91	5.0	118	80 - 120	P	07/22/2025	16:42	LB136576
	Silver	1.13	1.0	113	80 - 120	P	07/22/2025	16:42	LB136576
	Thallium	0.94	1.0	94	80 - 120	P	07/22/2025	16:42	LB136576
	Vanadium	4.80	5.0	96	80 - 120	P	07/22/2025	16:42	LB136576
	Zinc	5.33	5.0	107	80 - 120	P	07/22/2025	16:42	LB136576

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2638

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	513	500	103	90 - 110	P	07/22/2025	16:58	LB136576
	Arsenic	492	500	98	90 - 110	P	07/22/2025	16:58	LB136576
	Barium	2560	2500	102	90 - 110	P	07/22/2025	16:58	LB136576
	Beryllium	527	500	105	90 - 110	P	07/22/2025	16:58	LB136576
	Cadmium	516	500	103	90 - 110	P	07/22/2025	16:58	LB136576
	Chromium	518	500	104	90 - 110	P	07/22/2025	16:58	LB136576
	Copper	5490	5000	110	90 - 110	P	07/22/2025	16:58	LB136576
	Lead	2570	2500	103	90 - 110	P	07/22/2025	16:58	LB136576
	Nickel	509	500	102	90 - 110	P	07/22/2025	16:58	LB136576
	Selenium	491	500	98	90 - 110	P	07/22/2025	16:58	LB136576
	Silver	550	500	110	90 - 110	P	07/22/2025	16:58	LB136576
	Thallium	522	500	104	90 - 110	P	07/22/2025	16:58	LB136576
	Vanadium	522	500	104	90 - 110	P	07/22/2025	16:58	LB136576
	Zinc	5500	5000	110	90 - 110	P	07/22/2025	16:58	LB136576
CCV02	Antimony	503	500	101	90 - 110	P	07/22/2025	17:48	LB136576
	Arsenic	484	500	97	90 - 110	P	07/22/2025	17:48	LB136576
	Barium	2530	2500	101	90 - 110	P	07/22/2025	17:48	LB136576
	Beryllium	515	500	103	90 - 110	P	07/22/2025	17:48	LB136576
	Cadmium	492	500	98	90 - 110	P	07/22/2025	17:48	LB136576
	Chromium	527	500	105	90 - 110	P	07/22/2025	17:48	LB136576
	Copper	5430	5000	109	90 - 110	P	07/22/2025	17:48	LB136576
	Lead	2540	2500	102	90 - 110	P	07/22/2025	17:48	LB136576
	Nickel	518	500	104	90 - 110	P	07/22/2025	17:48	LB136576
	Selenium	484	500	97	90 - 110	P	07/22/2025	17:48	LB136576
	Silver	524	500	105	90 - 110	P	07/22/2025	17:48	LB136576
	Thallium	523	500	105	90 - 110	P	07/22/2025	17:48	LB136576
	Vanadium	525	500	105	90 - 110	P	07/22/2025	17:48	LB136576
	Zinc	5340	5000	107	90 - 110	P	07/22/2025	17:48	LB136576
CCV03	Antimony	549	500	110	90 - 110	P	07/22/2025	19:00	LB136576
	Arsenic	484	500	97	90 - 110	P	07/22/2025	19:00	LB136576
	Barium	2550	2500	102	90 - 110	P	07/22/2025	19:00	LB136576
	Beryllium	545	500	109	90 - 110	P	07/22/2025	19:00	LB136576
	Cadmium	499	500	100	90 - 110	P	07/22/2025	19:00	LB136576
	Chromium	525	500	105	90 - 110	P	07/22/2025	19:00	LB136576

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2638

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	5350	5000	107	90 - 110	P	07/22/2025	19:00	LB136576
	Lead	2550	2500	102	90 - 110	P	07/22/2025	19:00	LB136576
	Nickel	510	500	102	90 - 110	P	07/22/2025	19:00	LB136576
	Selenium	483	500	97	90 - 110	P	07/22/2025	19:00	LB136576
	Silver	528	500	106	90 - 110	P	07/22/2025	19:00	LB136576
	Thallium	516	500	103	90 - 110	P	07/22/2025	19:00	LB136576
	Vanadium	518	500	104	90 - 110	P	07/22/2025	19:00	LB136576
	Zinc	5190	5000	104	90 - 110	P	07/22/2025	19:00	LB136576
CCV04	Antimony	545	500	109	90 - 110	P	07/22/2025	19:53	LB136576
	Arsenic	485	500	97	90 - 110	P	07/22/2025	19:53	LB136576
	Barium	2550	2500	102	90 - 110	P	07/22/2025	19:53	LB136576
	Beryllium	530	500	106	90 - 110	P	07/22/2025	19:53	LB136576
	Cadmium	494	500	99	90 - 110	P	07/22/2025	19:53	LB136576
	Chromium	521	500	104	90 - 110	P	07/22/2025	19:53	LB136576
	Copper	5370	5000	107	90 - 110	P	07/22/2025	19:53	LB136576
	Lead	2560	2500	102	90 - 110	P	07/22/2025	19:53	LB136576
	Nickel	513	500	103	90 - 110	P	07/22/2025	19:53	LB136576
	Selenium	481	500	96	90 - 110	P	07/22/2025	19:53	LB136576
	Silver	536	500	107	90 - 110	P	07/22/2025	19:53	LB136576
	Thallium	520	500	104	90 - 110	P	07/22/2025	19:53	LB136576
	Vanadium	522	500	104	90 - 110	P	07/22/2025	19:53	LB136576
	Zinc	5250	5000	105	90 - 110	P	07/22/2025	19:53	LB136576
	Antimony	518	500	104	90 - 110	P	07/22/2025	21:02	LB136576
	Arsenic	477	500	95	90 - 110	P	07/22/2025	21:02	LB136576
CCV05	Barium	2540	2500	102	90 - 110	P	07/22/2025	21:02	LB136576
	Beryllium	529	500	106	90 - 110	P	07/22/2025	21:02	LB136576
	Cadmium	487	500	97	90 - 110	P	07/22/2025	21:02	LB136576
	Chromium	519	500	104	90 - 110	P	07/22/2025	21:02	LB136576
	Copper	5210	5000	104	90 - 110	P	07/22/2025	21:02	LB136576
	Lead	2530	2500	101	90 - 110	P	07/22/2025	21:02	LB136576
	Nickel	502	500	100	90 - 110	P	07/22/2025	21:02	LB136576
	Selenium	483	500	97	90 - 110	P	07/22/2025	21:02	LB136576
	Silver	523	500	105	90 - 110	P	07/22/2025	21:02	LB136576
	Thallium	515	500	103	90 - 110	P	07/22/2025	21:02	LB136576

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2638

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	519	500	104	90 - 110	P	07/22/2025	21:02	LB136576
	Zinc	5160	5000	103	90 - 110	P	07/22/2025	21:02	LB136576
CCV06	Antimony	526	500	105	90 - 110	P	07/22/2025	22:04	LB136576
	Arsenic	479	500	96	90 - 110	P	07/22/2025	22:04	LB136576
	Barium	2580	2500	103	90 - 110	P	07/22/2025	22:04	LB136576
	Beryllium	545	500	109	90 - 110	P	07/22/2025	22:04	LB136576
	Cadmium	499	500	100	90 - 110	P	07/22/2025	22:04	LB136576
	Chromium	520	500	104	90 - 110	P	07/22/2025	22:04	LB136576
	Copper	5220	5000	104	90 - 110	P	07/22/2025	22:04	LB136576
	Lead	2570	2500	103	90 - 110	P	07/22/2025	22:04	LB136576
	Nickel	505	500	101	90 - 110	P	07/22/2025	22:04	LB136576
	Selenium	474	500	95	90 - 110	P	07/22/2025	22:04	LB136576
	Silver	545	500	109	90 - 110	P	07/22/2025	22:04	LB136576
	Thallium	515	500	103	90 - 110	P	07/22/2025	22:04	LB136576
	Vanadium	516	500	103	90 - 110	P	07/22/2025	22:04	LB136576
	Zinc	5130	5000	103	90 - 110	P	07/22/2025	22:04	LB136576
CCV07	Antimony	521	500	104	90 - 110	P	07/22/2025	22:28	LB136576
	Arsenic	485	500	97	90 - 110	P	07/22/2025	22:28	LB136576
	Barium	2580	2500	103	90 - 110	P	07/22/2025	22:28	LB136576
	Beryllium	528	500	106	90 - 110	P	07/22/2025	22:28	LB136576
	Cadmium	499	500	100	90 - 110	P	07/22/2025	22:28	LB136576
	Chromium	517	500	104	90 - 110	P	07/22/2025	22:28	LB136576
	Copper	5240	5000	105	90 - 110	P	07/22/2025	22:28	LB136576
	Lead	2560	2500	102	90 - 110	P	07/22/2025	22:28	LB136576
	Nickel	507	500	101	90 - 110	P	07/22/2025	22:28	LB136576
	Selenium	481	500	96	90 - 110	P	07/22/2025	22:28	LB136576
	Silver	542	500	108	90 - 110	P	07/22/2025	22:28	LB136576
	Thallium	519	500	104	90 - 110	P	07/22/2025	22:28	LB136576
	Vanadium	512	500	102	90 - 110	P	07/22/2025	22:28	LB136576
	Zinc	5240	5000	105	90 - 110	P	07/22/2025	22:28	LB136576

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2638

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	419	400	105	90 - 110	P	07/24/2025	11:25	LB136601
	Arsenic	433	400	108	90 - 110	P	07/24/2025	11:25	LB136601
	Barium	1720	1600	108	90 - 110	P	07/24/2025	11:25	LB136601
	Beryllium	47.9	40.0	120	90 - 110	P	07/24/2025	11:25	LB136601
	Cadmium	219	200	110	90 - 110	P	07/24/2025	11:25	LB136601
	Chromium	152	160	95	90 - 110	P	07/24/2025	11:25	LB136601
	Copper	186	200	93	90 - 110	P	07/24/2025	11:25	LB136601
	Lead	393	400	98	90 - 110	P	07/24/2025	11:25	LB136601
	Nickel	429	400	107	90 - 110	P	07/24/2025	11:25	LB136601
	Selenium	436	400	109	90 - 110	P	07/24/2025	11:25	LB136601
	Silver	212	200	106	90 - 110	P	07/24/2025	11:25	LB136601
	Thallium	409	400	102	90 - 110	P	07/24/2025	11:25	LB136601
	Vanadium	391	400	98	90 - 110	P	07/24/2025	11:25	LB136601
	Zinc	380	400	95	90 - 110	P	07/24/2025	11:25	LB136601

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2638

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	1.85	2.0	92	80 - 120	P	07/24/2025	11:34	LB136601
	Arsenic	1.12	1.0	112	80 - 120	P	07/24/2025	11:34	LB136601
	Barium	9.01	10.0	90	80 - 120	P	07/24/2025	11:34	LB136601
	Beryllium	1.25	1.0	125	80 - 120	P	07/24/2025	11:34	LB136601
	Cadmium	1.10	1.0	110	80 - 120	P	07/24/2025	11:34	LB136601
	Chromium	1.87	2.0	94	80 - 120	P	07/24/2025	11:34	LB136601
	Copper	1.92	2.0	96	80 - 120	P	07/24/2025	11:34	LB136601
	Lead	0.88	1.0	88	80 - 120	P	07/24/2025	11:34	LB136601
	Nickel	1.11	1.0	111	80 - 120	P	07/24/2025	11:34	LB136601
	Selenium	5.50	5.0	110	80 - 120	P	07/24/2025	11:34	LB136601
	Silver	0.95	1.0	95	80 - 120	P	07/24/2025	11:34	LB136601
	Thallium	0.86	1.0	86	80 - 120	P	07/24/2025	11:34	LB136601
	Vanadium	4.61	5.0	92	80 - 120	P	07/24/2025	11:34	LB136601
	Zinc	5.02	5.0	100	80 - 120	P	07/24/2025	11:34	LB136601

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2638

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	511	500	102	90 - 110	P	07/24/2025	11:52	LB136601
	Arsenic	503	500	101	90 - 110	P	07/24/2025	11:52	LB136601
	Barium	2570	2500	103	90 - 110	P	07/24/2025	11:52	LB136601
	Beryllium	559	500	112	90 - 110	P	07/24/2025	11:52	LB136601
	Cadmium	522	500	104	90 - 110	P	07/24/2025	11:52	LB136601
	Chromium	524	500	105	90 - 110	P	07/24/2025	11:52	LB136601
	Copper	5330	5000	107	90 - 110	P	07/24/2025	11:52	LB136601
	Lead	2600	2500	104	90 - 110	P	07/24/2025	11:52	LB136601
	Nickel	498	500	100	90 - 110	P	07/24/2025	11:52	LB136601
	Selenium	493	500	99	90 - 110	P	07/24/2025	11:52	LB136601
	Silver	525	500	105	90 - 110	P	07/24/2025	11:52	LB136601
	Thallium	522	500	104	90 - 110	P	07/24/2025	11:52	LB136601
	Vanadium	528	500	106	90 - 110	P	07/24/2025	11:52	LB136601
	Zinc	5200	5000	104	90 - 110	P	07/24/2025	11:52	LB136601
CCV02	Antimony	504	500	101	90 - 110	P	07/24/2025	12:39	LB136601
	Arsenic	490	500	98	90 - 110	P	07/24/2025	12:39	LB136601
	Barium	2550	2500	102	90 - 110	P	07/24/2025	12:39	LB136601
	Beryllium	541	500	108	90 - 110	P	07/24/2025	12:39	LB136601
	Cadmium	520	500	104	90 - 110	P	07/24/2025	12:39	LB136601
	Chromium	512	500	102	90 - 110	P	07/24/2025	12:39	LB136601
	Copper	5170	5000	103	90 - 110	P	07/24/2025	12:39	LB136601
	Lead	2560	2500	102	90 - 110	P	07/24/2025	12:39	LB136601
	Nickel	483	500	97	90 - 110	P	07/24/2025	12:39	LB136601
	Selenium	480	500	96	90 - 110	P	07/24/2025	12:39	LB136601
	Silver	527	500	105	90 - 110	P	07/24/2025	12:39	LB136601
	Thallium	522	500	104	90 - 110	P	07/24/2025	12:39	LB136601
	Vanadium	513	500	103	90 - 110	P	07/24/2025	12:39	LB136601
	Zinc	5050	5000	101	90 - 110	P	07/24/2025	12:39	LB136601
CCV03	Antimony	513	500	102	90 - 110	P	07/24/2025	13:22	LB136601
	Arsenic	498	500	100	90 - 110	P	07/24/2025	13:22	LB136601
	Barium	2560	2500	102	90 - 110	P	07/24/2025	13:22	LB136601
	Beryllium	536	500	107	90 - 110	P	07/24/2025	13:22	LB136601
	Cadmium	520	500	104	90 - 110	P	07/24/2025	13:22	LB136601
	Chromium	511	500	102	90 - 110	P	07/24/2025	13:22	LB136601

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Nobis Group

SDG No.: Q2638

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	5150	5000	103	90 - 110	P	07/24/2025	13:22	LB136601
	Lead	2540	2500	102	90 - 110	P	07/24/2025	13:22	LB136601
	Nickel	484	500	97	90 - 110	P	07/24/2025	13:22	LB136601
	Selenium	484	500	97	90 - 110	P	07/24/2025	13:22	LB136601
	Silver	533	500	107	90 - 110	P	07/24/2025	13:22	LB136601
	Thallium	522	500	104	90 - 110	P	07/24/2025	13:22	LB136601
	Vanadium	511	500	102	90 - 110	P	07/24/2025	13:22	LB136601
	Zinc	5140	5000	103	90 - 110	P	07/24/2025	13:22	LB136601
CCV04	Antimony	504	500	101	90 - 110	P	07/24/2025	14:06	LB136601
	Arsenic	497	500	99	90 - 110	P	07/24/2025	14:06	LB136601
	Barium	2500	2500	100	90 - 110	P	07/24/2025	14:06	LB136601
	Beryllium	522	500	104	90 - 110	P	07/24/2025	14:06	LB136601
	Cadmium	483	500	96	90 - 110	P	07/24/2025	14:06	LB136601
	Chromium	508	500	102	90 - 110	P	07/24/2025	14:06	LB136601
	Copper	5200	5000	104	90 - 110	P	07/24/2025	14:06	LB136601
	Lead	2470	2500	99	90 - 110	P	07/24/2025	14:06	LB136601
	Nickel	470	500	94	90 - 110	P	07/24/2025	14:06	LB136601
	Selenium	473	500	95	90 - 110	P	07/24/2025	14:06	LB136601
	Silver	510	500	102	90 - 110	P	07/24/2025	14:06	LB136601
	Thallium	513	500	103	90 - 110	P	07/24/2025	14:06	LB136601
	Vanadium	504	500	101	90 - 110	P	07/24/2025	14:06	LB136601
	Zinc	5170	5000	104	90 - 110	P	07/24/2025	14:06	LB136601

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Nobis Group

SDG No.: Q2638

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
CRA	Mercury	0.19	0.2	93	70 - 130	CV	07/22/2025	15:22	LB136570
CRI	Antimony	1.95	2.0	98	70 - 130	P	07/22/2025	17:12	LB136576
	Arsenic	1.06	1.0	106	70 - 130	P	07/22/2025	17:12	LB136576
	Barium	9.32	10.0	93	70 - 130	P	07/22/2025	17:12	LB136576
	Beryllium	1.20	1.0	120	70 - 130	P	07/22/2025	17:12	LB136576
	Cadmium	1.02	1.0	102	70 - 130	P	07/22/2025	17:12	LB136576
	Chromium	2.02	2.0	101	70 - 130	P	07/22/2025	17:12	LB136576
	Copper	1.65	2.0	82	70 - 130	P	07/22/2025	17:12	LB136576
	Lead	0.84	1.0	84	70 - 130	P	07/22/2025	17:12	LB136576
	Nickel	1.09	1.0	109	70 - 130	P	07/22/2025	17:12	LB136576
	Selenium	5.75	5.0	115	70 - 130	P	07/22/2025	17:12	LB136576
	Silver	1.08	1.0	108	70 - 130	P	07/22/2025	17:12	LB136576
	Thallium	1.03	1.0	103	70 - 130	P	07/22/2025	17:12	LB136576
	Vanadium	4.78	5.0	96	70 - 130	P	07/22/2025	17:12	LB136576
	Zinc	5.34	5.0	107	50 - 150	P	07/22/2025	17:12	LB136576
CRI	Antimony	1.77	2.0	88	70 - 130	P	07/24/2025	12:01	LB136601
	Arsenic	0.98	1.0	98	70 - 130	P	07/24/2025	12:01	LB136601
	Barium	8.47	10.0	85	70 - 130	P	07/24/2025	12:01	LB136601
	Beryllium	1.14	1.0	114	70 - 130	P	07/24/2025	12:01	LB136601
	Cadmium	0.89	1.0	89	70 - 130	P	07/24/2025	12:01	LB136601
	Chromium	1.81	2.0	90	70 - 130	P	07/24/2025	12:01	LB136601
	Copper	1.79	2.0	90	70 - 130	P	07/24/2025	12:01	LB136601
	Lead	0.75	1.0	75	70 - 130	P	07/24/2025	12:01	LB136601
	Nickel	0.95	1.0	95	70 - 130	P	07/24/2025	12:01	LB136601
	Selenium	4.70	5.0	94	70 - 130	P	07/24/2025	12:01	LB136601
	Silver	0.96	1.0	96	70 - 130	P	07/24/2025	12:01	LB136601
	Thallium	0.92	1.0	92	70 - 130	P	07/24/2025	12:01	LB136601
	Vanadium	4.38	5.0	88	70 - 130	P	07/24/2025	12:01	LB136601
	Zinc	4.87	5.0	97	50 - 150	P	07/24/2025	12:01	LB136601



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2638

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB36	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	07/22/2025	15:15	LB136570

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2638

Contract: NOBI03

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB34	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	07/22/2025	15:20	LB136570
CCB35	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	07/22/2025	15:59	LB136570
CCB36	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	07/22/2025	16:30	LB136570
CCB37	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	07/22/2025	17:00	LB136570
CCB38	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	07/22/2025	17:33	LB136570
CCB39	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	07/22/2025	18:20	LB136570
CCB40	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	07/22/2025	18:58	LB136570

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2638

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	07/22/2025	16:45	LB136576
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	07/22/2025	16:45	LB136576
	Barium	0.21	+/-5	U	1.25	10.0	P	07/22/2025	16:45	LB136576
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	07/22/2025	16:45	LB136576
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	07/22/2025	16:45	LB136576
	Chromium	0.21	+/-1	U	0.75	2.00	P	07/22/2025	16:45	LB136576
	Copper	0.30	+/-1	U	1.50	2.00	P	07/22/2025	16:45	LB136576
	Lead	0.21	+/-0.5	U	0.75	1.00	P	07/22/2025	16:45	LB136576
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	07/22/2025	16:45	LB136576
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	07/22/2025	16:45	LB136576
	Silver	0.060	+/-0.5	U	0.50	1.00	P	07/22/2025	16:45	LB136576
	Thallium	0.060	+/-0.5	U	0.50	1.00	P	07/22/2025	16:45	LB136576
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	07/22/2025	16:45	LB136576
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	07/22/2025	16:45	LB136576

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2638

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	07/22/2025	17:09	LB136576
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	07/22/2025	17:09	LB136576
	Barium	0.21	+/-5	U	1.25	10.0	P	07/22/2025	17:09	LB136576
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	07/22/2025	17:09	LB136576
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	07/22/2025	17:09	LB136576
	Chromium	0.21	+/-1	U	0.75	2.00	P	07/22/2025	17:09	LB136576
	Copper	0.30	+/-1	U	1.50	2.00	P	07/22/2025	17:09	LB136576
	Lead	0.21	+/-0.5	U	0.75	1.00	P	07/22/2025	17:09	LB136576
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	07/22/2025	17:09	LB136576
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	07/22/2025	17:09	LB136576
	Silver	0.060	+/-0.5	U	0.50	1.00	P	07/22/2025	17:09	LB136576
	Thallium	0.090	+/-0.5	J	0.50	1.00	P	07/22/2025	17:09	LB136576
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	07/22/2025	17:09	LB136576
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	07/22/2025	17:09	LB136576
CCB02	Antimony	0.11	+/-1	U	0.25	2.00	P	07/22/2025	18:04	LB136576
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	07/22/2025	18:04	LB136576
	Barium	0.21	+/-5	U	1.25	10.0	P	07/22/2025	18:04	LB136576
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	07/22/2025	18:04	LB136576
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	07/22/2025	18:04	LB136576
	Chromium	0.21	+/-1	U	0.75	2.00	P	07/22/2025	18:04	LB136576
	Copper	0.71	+/-1	J	1.50	2.00	P	07/22/2025	18:04	LB136576
	Lead	0.21	+/-0.5	U	0.75	1.00	P	07/22/2025	18:04	LB136576
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	07/22/2025	18:04	LB136576
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	07/22/2025	18:04	LB136576
	Silver	0.060	+/-0.5	U	0.50	1.00	P	07/22/2025	18:04	LB136576
	Thallium	0.060	+/-0.5	U	0.50	1.00	P	07/22/2025	18:04	LB136576
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	07/22/2025	18:04	LB136576
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	07/22/2025	18:04	LB136576
CCB03	Antimony	0.11	+/-1	U	0.25	2.00	P	07/22/2025	19:13	LB136576
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	07/22/2025	19:13	LB136576
	Barium	0.21	+/-5	U	1.25	10.0	P	07/22/2025	19:13	LB136576
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	07/22/2025	19:13	LB136576
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	07/22/2025	19:13	LB136576
	Chromium	0.21	+/-1	U	0.75	2.00	P	07/22/2025	19:13	LB136576
	Copper	0.44	+/-1	J	1.50	2.00	P	07/22/2025	19:13	LB136576
	Lead	0.21	+/-0.5	U	0.75	1.00	P	07/22/2025	19:13	LB136576
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	07/22/2025	19:13	LB136576
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	07/22/2025	19:13	LB136576
	Silver	0.060	+/-0.5	U	0.50	1.00	P	07/22/2025	19:13	LB136576

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group **SDG No.:** Q2638
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	07/22/2025	19:13	LB136576
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	07/22/2025	19:13	LB136576
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	07/22/2025	19:13	LB136576
CCB04	Antimony	0.11	+/-1	U	0.25	2.00	P	07/22/2025	20:03	LB136576
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	07/22/2025	20:03	LB136576
	Barium	0.21	+/-5	U	1.25	10.0	P	07/22/2025	20:03	LB136576
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	07/22/2025	20:03	LB136576
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	07/22/2025	20:03	LB136576
	Chromium	0.21	+/-1	U	0.75	2.00	P	07/22/2025	20:03	LB136576
	Copper	0.30	+/-1	U	1.50	2.00	P	07/22/2025	20:03	LB136576
	Lead	0.21	+/-0.5	U	0.75	1.00	P	07/22/2025	20:03	LB136576
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	07/22/2025	20:03	LB136576
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	07/22/2025	20:03	LB136576
	Silver	0.060	+/-0.5	U	0.50	1.00	P	07/22/2025	20:03	LB136576
	Thallium	0.060	+/-0.5	U	0.50	1.00	P	07/22/2025	20:03	LB136576
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	07/22/2025	20:03	LB136576
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	07/22/2025	20:03	LB136576
	Antimony	0.11	+/-1	U	0.25	2.00	P	07/22/2025	21:09	LB136576
CCB05	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	07/22/2025	21:09	LB136576
	Barium	0.21	+/-5	U	1.25	10.0	P	07/22/2025	21:09	LB136576
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	07/22/2025	21:09	LB136576
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	07/22/2025	21:09	LB136576
	Chromium	0.21	+/-1	U	0.75	2.00	P	07/22/2025	21:09	LB136576
	Copper	0.30	+/-1	U	1.50	2.00	P	07/22/2025	21:09	LB136576
	Lead	0.21	+/-0.5	U	0.75	1.00	P	07/22/2025	21:09	LB136576
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	07/22/2025	21:09	LB136576
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	07/22/2025	21:09	LB136576
	Silver	0.060	+/-0.5	U	0.50	1.00	P	07/22/2025	21:09	LB136576
	Thallium	0.070	+/-0.5	J	0.50	1.00	P	07/22/2025	21:09	LB136576
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	07/22/2025	21:09	LB136576
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	07/22/2025	21:09	LB136576
	Antimony	0.11	+/-1	U	0.25	2.00	P	07/22/2025	22:11	LB136576
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	07/22/2025	22:11	LB136576
CCB06	Barium	0.21	+/-5	U	1.25	10.0	P	07/22/2025	22:11	LB136576
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	07/22/2025	22:11	LB136576
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	07/22/2025	22:11	LB136576
	Chromium	0.21	+/-1	U	0.75	2.00	P	07/22/2025	22:11	LB136576
	Copper	0.30	+/-1	U	1.50	2.00	P	07/22/2025	22:11	LB136576
	Lead	0.21	+/-0.5	U	0.75	1.00	P	07/22/2025	22:11	LB136576

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2638

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	07/22/2025	22:11	LB136576
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	07/22/2025	22:11	LB136576
	Silver	0.060	+/-0.5	U	0.50	1.00	P	07/22/2025	22:11	LB136576
	Thallium	0.080	+/-0.5	J	0.50	1.00	P	07/22/2025	22:11	LB136576
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	07/22/2025	22:11	LB136576
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	07/22/2025	22:11	LB136576
CCB07	Antimony	0.11	+/-1	J	0.25	2.00	P	07/22/2025	22:30	LB136576
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	07/22/2025	22:30	LB136576
	Barium	0.21	+/-5	U	1.25	10.0	P	07/22/2025	22:30	LB136576
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	07/22/2025	22:30	LB136576
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	07/22/2025	22:30	LB136576
	Chromium	0.21	+/-1	U	0.75	2.00	P	07/22/2025	22:30	LB136576
	Copper	0.30	+/-1	U	1.50	2.00	P	07/22/2025	22:30	LB136576
	Lead	0.21	+/-0.5	U	0.75	1.00	P	07/22/2025	22:30	LB136576
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	07/22/2025	22:30	LB136576
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	07/22/2025	22:30	LB136576
	Silver	0.060	+/-0.5	U	0.50	1.00	P	07/22/2025	22:30	LB136576
	Thallium	0.10	+/-0.5	J	0.50	1.00	P	07/22/2025	22:30	LB136576
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	07/22/2025	22:30	LB136576
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	07/22/2025	22:30	LB136576

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2638

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	07/24/2025	11:38	LB136601
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	07/24/2025	11:38	LB136601
	Barium	0.21	+/-5	U	1.25	10.0	P	07/24/2025	11:38	LB136601
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	07/24/2025	11:38	LB136601
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	07/24/2025	11:38	LB136601
	Chromium	0.21	+/-1	U	0.75	2.00	P	07/24/2025	11:38	LB136601
	Copper	0.30	+/-1	U	1.50	2.00	P	07/24/2025	11:38	LB136601
	Lead	0.21	+/-0.5	U	0.75	1.00	P	07/24/2025	11:38	LB136601
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	07/24/2025	11:38	LB136601
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	07/24/2025	11:38	LB136601
	Silver	0.060	+/-0.5	U	0.50	1.00	P	07/24/2025	11:38	LB136601
	Thallium	0.060	+/-0.5	U	0.50	1.00	P	07/24/2025	11:38	LB136601
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	07/24/2025	11:38	LB136601
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	07/24/2025	11:38	LB136601

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group **SDG No.:** Q2638
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	07/24/2025	11:57	LB136601
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	07/24/2025	11:57	LB136601
	Barium	0.21	+/-5	U	1.25	10.0	P	07/24/2025	11:57	LB136601
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	07/24/2025	11:57	LB136601
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	07/24/2025	11:57	LB136601
	Chromium	0.21	+/-1	U	0.75	2.00	P	07/24/2025	11:57	LB136601
	Copper	0.30	+/-1	U	1.50	2.00	P	07/24/2025	11:57	LB136601
	Lead	0.21	+/-0.5	U	0.75	1.00	P	07/24/2025	11:57	LB136601
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	07/24/2025	11:57	LB136601
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	07/24/2025	11:57	LB136601
	Silver	0.060	+/-0.5	U	0.50	1.00	P	07/24/2025	11:57	LB136601
	Thallium	0.090	+/-0.5	J	0.50	1.00	P	07/24/2025	11:57	LB136601
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	07/24/2025	11:57	LB136601
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	07/24/2025	11:57	LB136601
CCB02	Antimony	0.11	+/-1	U	0.25	2.00	P	07/24/2025	12:45	LB136601
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	07/24/2025	12:45	LB136601
	Barium	0.21	+/-5	U	1.25	10.0	P	07/24/2025	12:45	LB136601
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	07/24/2025	12:45	LB136601
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	07/24/2025	12:45	LB136601
	Chromium	0.21	+/-1	U	0.75	2.00	P	07/24/2025	12:45	LB136601
	Copper	0.30	+/-1	U	1.50	2.00	P	07/24/2025	12:45	LB136601
	Lead	0.21	+/-0.5	U	0.75	1.00	P	07/24/2025	12:45	LB136601
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	07/24/2025	12:45	LB136601
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	07/24/2025	12:45	LB136601
	Silver	0.060	+/-0.5	U	0.50	1.00	P	07/24/2025	12:45	LB136601
	Thallium	0.060	+/-0.5	U	0.50	1.00	P	07/24/2025	12:45	LB136601
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	07/24/2025	12:45	LB136601
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	07/24/2025	12:45	LB136601
CCB03	Antimony	0.11	+/-1	U	0.25	2.00	P	07/24/2025	13:26	LB136601
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	07/24/2025	13:26	LB136601
	Barium	0.21	+/-5	U	1.25	10.0	P	07/24/2025	13:26	LB136601
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	07/24/2025	13:26	LB136601
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	07/24/2025	13:26	LB136601
	Chromium	0.21	+/-1	U	0.75	2.00	P	07/24/2025	13:26	LB136601
	Copper	0.30	+/-1	U	1.50	2.00	P	07/24/2025	13:26	LB136601
	Lead	0.21	+/-0.5	U	0.75	1.00	P	07/24/2025	13:26	LB136601
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	07/24/2025	13:26	LB136601
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	07/24/2025	13:26	LB136601
	Silver	0.060	+/-0.5	U	0.50	1.00	P	07/24/2025	13:26	LB136601

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2638

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	07/24/2025	13:26	LB136601
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	07/24/2025	13:26	LB136601
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	07/24/2025	13:26	LB136601
CCB04	Antimony	0.11	+/-1	J	0.25	2.00	P	07/24/2025	14:09	LB136601
	Arsenic	0.089	+/-0.5	U	0.25	1.00	P	07/24/2025	14:09	LB136601
	Barium	0.21	+/-5	U	1.25	10.0	P	07/24/2025	14:09	LB136601
	Beryllium	0.32	+/-0.5	U	0.75	1.00	P	07/24/2025	14:09	LB136601
	Cadmium	0.34	+/-0.5	U	0.50	1.00	P	07/24/2025	14:09	LB136601
	Chromium	0.21	+/-1	U	0.75	2.00	P	07/24/2025	14:09	LB136601
	Copper	0.30	+/-1	U	1.50	2.00	P	07/24/2025	14:09	LB136601
	Lead	0.21	+/-0.5	U	0.75	1.00	P	07/24/2025	14:09	LB136601
	Nickel	0.27	+/-0.5	U	0.75	1.00	P	07/24/2025	14:09	LB136601
	Selenium	2.90	+/-2.5	U	4.50	5.00	P	07/24/2025	14:09	LB136601
	Silver	0.060	+/-0.5	U	0.50	1.00	P	07/24/2025	14:09	LB136601
	Thallium	0.080	+/-0.5	J	0.50	1.00	P	07/24/2025	14:09	LB136601
	Vanadium	0.077	+/-2.5	U	0.25	5.00	P	07/24/2025	14:09	LB136601
	Zinc	1.25	+/-2.5	U	1.50	5.00	P	07/24/2025	14:09	LB136601

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2638

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168959BL		WATER		Batch Number:		PB168959		Prep Date:	07/21/2025	
	Mercury	0.076	<0.2	U	0.16	0.20	CV	07/22/2025	15:32	LB136570
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168959TB		WATER		Batch Number:		PB168959		Prep Date:	07/21/2025	
	Mercury	0.076	<0.2	U	0.16	0.20	CV	07/22/2025	17:53	LB136570

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Nobis Group

SDG No.: Q2638

Instrument: P7

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168937BL	WATER			Batch Number:		PB168937		Prep Date:	07/21/2025	
	Antimony	0.11	<1	U	0.25	2.00	P	07/22/2025	17:15	LB136576
	Arsenic	0.089	<0.5	U	0.25	1.00	P	07/22/2025	17:15	LB136576
	Barium	0.21	<5	U	1.25	10.0	P	07/22/2025	17:15	LB136576
	Beryllium	0.32	<0.5	U	0.75	1.00	P	07/22/2025	17:15	LB136576
	Cadmium	0.34	<0.5	U	0.50	1.00	P	07/22/2025	17:15	LB136576
	Chromium	0.21	<1	U	0.75	2.00	P	07/22/2025	17:15	LB136576
	Copper	0.30	<1	U	1.50	2.00	P	07/22/2025	17:15	LB136576
	Lead	0.21	<0.5	U	0.75	1.00	P	07/22/2025	17:15	LB136576
	Nickel	0.27	<0.5	U	0.75	1.00	P	07/22/2025	17:15	LB136576
	Selenium	2.90	<2.5	U	4.50	5.00	P	07/22/2025	17:15	LB136576
	Silver	0.060	<0.5	U	0.50	1.00	P	07/22/2025	17:15	LB136576
	Thallium	0.080	<0.5	J	0.50	1.00	P	07/22/2025	17:15	LB136576
	Vanadium	0.077	<2.5	U	0.25	5.00	P	07/22/2025	17:15	LB136576
	Zinc	1.25	<2.5	U	1.50	5.00	P	07/22/2025	17:15	LB136576
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168937TB	WATER			Batch Number:		PB168937		Prep Date:	07/21/2025	
	Antimony	0.11	<1	U	0.25	2.00	P	07/22/2025	19:24	LB136576
	Arsenic	0.089	<0.5	U	0.25	1.00	P	07/22/2025	19:24	LB136576
	Barium	0.21	<5	U	1.25	10.0	P	07/22/2025	19:24	LB136576
	Beryllium	0.32	<0.5	U	0.75	1.00	P	07/22/2025	19:24	LB136576
	Cadmium	0.34	<0.5	U	0.50	1.00	P	07/22/2025	19:24	LB136576
	Chromium	0.21	<1	U	0.75	2.00	P	07/22/2025	19:24	LB136576
	Copper	0.34	<1	J	1.50	2.00	P	07/22/2025	19:24	LB136576
	Lead	0.21	<0.5	U	0.75	1.00	P	07/22/2025	19:24	LB136576
	Nickel	0.27	<0.5	U	0.75	1.00	P	07/22/2025	19:24	LB136576
	Selenium	2.90	<2.5	U	4.50	5.00	P	07/22/2025	19:24	LB136576
	Silver	0.060	<0.5	U	0.50	1.00	P	07/22/2025	19:24	LB136576
	Thallium	0.060	<0.5	U	0.50	1.00	P	07/22/2025	19:24	LB136576
	Vanadium	0.077	<2.5	U	0.25	5.00	P	07/22/2025	19:24	LB136576
	Zinc	1.25	<2.5	U	1.50	5.00	P	07/22/2025	19:24	LB136576

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Nobis Group</u>	SDG No.: <u>Q2638</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	0.99	1.5	66	-2.5	5.5	07/22/2025	16:48	LB136576
	Arsenic	0.28	0.1	280	-1.9	2.1	07/22/2025	16:48	LB136576
	Barium	1.27	1.2	106	-18.8	21.2	07/22/2025	16:48	LB136576
	Beryllium	0			-2	2	07/22/2025	16:48	LB136576
	Cadmium	0.23	0.7	33	-1.3	2.7	07/22/2025	16:48	LB136576
	Chromium	19.0	21.0	90	17	25	07/22/2025	16:48	LB136576
	Copper	7.27	8.0	91	4	12	07/22/2025	16:48	LB136576
	Lead	3.95	4.0	99	2	6	07/22/2025	16:48	LB136576
	Nickel	4.21	6.0	70	4	8	07/22/2025	16:48	LB136576
	Selenium	0.65	0.3	217	-9.7	10	07/22/2025	16:48	LB136576
	Silver	0.050			-2	2	07/22/2025	16:48	LB136576
	Thallium	0.060			-2	2	07/22/2025	16:48	LB136576
	Vanadium	0.18	0.5	36	-9.5	10.5	07/22/2025	16:48	LB136576
	Zinc	11.1	11.0	101	1	21	07/22/2025	16:48	LB136576
ICSAB01	Antimony	18.5	22.0	84	18	26	07/22/2025	16:55	LB136576
	Arsenic	21.2	19.0	112	16.2	21.9	07/22/2025	16:55	LB136576
	Barium	19.6	22.0	89	2	42	07/22/2025	16:55	LB136576
	Beryllium	21.5	19.0	113	16.2	21.9	07/22/2025	16:55	LB136576
	Cadmium	20.7	20.0	104	17	23	07/22/2025	16:55	LB136576
	Chromium	42.9	40.0	107	34	46	07/22/2025	16:55	LB136576
	Copper	26.0	25.0	104	21	29	07/22/2025	16:55	LB136576
	Lead	24.7	25.0	99	21.3	28.8	07/22/2025	16:55	LB136576
	Nickel	27.5	24.0	115	20.4	27.6	07/22/2025	16:55	LB136576
	Selenium	20.3	19.0	107	9	29	07/22/2025	16:55	LB136576
	Silver	18.4	18.0	102	15.3	20.7	07/22/2025	16:55	LB136576
	Thallium	17.9	21.0	85	17.9	24.2	07/22/2025	16:55	LB136576
	Vanadium	18.7	19.0	98	9	29	07/22/2025	16:55	LB136576
	Zinc	30.7	29.0	106	19	39	07/22/2025	16:55	LB136576
ICSA01	Antimony	1.02	1.5	68	-2.5	5.5	07/24/2025	11:41	LB136601
	Arsenic	0.31	0.1	310	-1.9	2.1	07/24/2025	11:41	LB136601
	Barium	1.26	1.2	105	-18.8	21.2	07/24/2025	11:41	LB136601
	Beryllium	0.33			-2	2	07/24/2025	11:41	LB136601
	Cadmium	0.38	0.7	54	-1.3	2.7	07/24/2025	11:41	LB136601
	Chromium	19.2	21.0	91	17	25	07/24/2025	11:41	LB136601
	Copper	7.22	8.0	90	4	12	07/24/2025	11:41	LB136601
	Lead	3.87	4.0	97	2	6	07/24/2025	11:41	LB136601
	Nickel	5.57	6.0	93	4	8	07/24/2025	11:41	LB136601
	Selenium	0	0.3		-9.7	10	07/24/2025	11:41	LB136601
	Silver	0.040			-2	2	07/24/2025	11:41	LB136601
	Thallium	0.050			-2	2	07/24/2025	11:41	LB136601
	Vanadium	0.16	0.5	32	-9.5	10.5	07/24/2025	11:41	LB136601
	Zinc	10.8	11.0	98	1	21	07/24/2025	11:41	LB136601

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Nobis Group</u>	SDG No.: <u>Q2638</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
ICSAB01	Antimony	19.0	22.0	86	18	26	07/24/2025	11:49	LB136601
	Arsenic	21.3	19.0	112	16.2	21.9	07/24/2025	11:49	LB136601
	Barium	19.2	22.0	87	2	42	07/24/2025	11:49	LB136601
	Beryllium	23.8	19.0	125	16.2	21.9	07/24/2025	11:49	LB136601
	Cadmium	21.5	20.0	108	17	23	07/24/2025	11:49	LB136601
	Chromium	43.4	40.0	108	34	46	07/24/2025	11:49	LB136601
	Copper	25.8	25.0	103	21	29	07/24/2025	11:49	LB136601
	Lead	23.7	25.0	95	21.3	28.8	07/24/2025	11:49	LB136601
	Nickel	30.1	24.0	125	20.4	27.6	07/24/2025	11:49	LB136601
	Selenium	21.5	19.0	113	9	29	07/24/2025	11:49	LB136601
	Silver	18.0	18.0	100	15.3	20.7	07/24/2025	11:49	LB136601
	Thallium	18.0	21.0	86	17.9	24.2	07/24/2025	11:49	LB136601
	Vanadium	18.6	19.0	98	9	29	07/24/2025	11:49	LB136601
	Zinc	29.1	29.0	100	19	39	07/24/2025	11:49	LB136601



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Nobis Group</u>	level: <u>low</u>	sdg no.: <u>Q2638</u>
contract: <u>NOBI03</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2639-14</u>	client id: <u>OU4-TS-44-071725MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2639-14MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	85 - 117	420	D	1.50	JD	500	84	N	P
Arsenic	ug/L	84 - 116	568	D	65.5	D	500	100		P
Barium	ug/L	86 - 114	1980	D	123	D	2500	74	N	P
Beryllium	ug/L	83 - 121	484	D	5.00	UD	500	97		P
Cadmium	ug/L	87 - 115	483	D	9.95	D	500	95		P
Chromium	ug/L	85 - 116	460	D	40.4	D	500	84	N	P
Copper	ug/L	85 - 118	5430	D	267	D	5000	103		P
Lead	ug/L	88 - 115	2060	D	64.0	D	2500	80	N	P
Nickel	ug/L	85 - 117	638	D	175	D	500	93		P
Mercury	ug/L	82 - 119	3.66		0.20	U	4.0	92		CV
Selenium	ug/L	80 - 120	486	D	250	UD	500	97		P
Silver	ug/L	85 - 116	79.7	D	0.55	JD	500	16	N	P
Thallium	ug/L	82 - 116	405	D	50.0	UD	500	81	N	P
Vanadium	ug/L	86 - 115	533	D	106	D	500	85	N	P
Zinc	ug/L	83 - 119	6400	D	1950	D	5000	89		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Nobis Group</u>	level: <u>low</u>	sdg no.: <u>Q2638</u>
contract: <u>NOBI03</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2639-14</u>	client id: <u>OU4-TS-44-071725MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2639-14MSD</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	416	D	1.50	JD	500	83	N	P
Arsenic	ug/L	84 - 116	566	D	65.5	D	500	100		P
Barium	ug/L	86 - 114	1960	D	123	D	2500	74	N	P
Beryllium	ug/L	83 - 121	503	D	5.00	UD	500	101		P
Cadmium	ug/L	87 - 115	476	D	9.95	D	500	93		P
Chromium	ug/L	85 - 116	456	D	40.4	D	500	83	N	P
Copper	ug/L	85 - 118	5250	D	267	D	5000	100		P
Lead	ug/L	88 - 115	2040	D	64.0	D	2500	79	N	P
Nickel	ug/L	85 - 117	627	D	175	D	500	90		P
Mercury	ug/L	82 - 119	3.63		0.20	U	4.0	91		CV
Selenium	ug/L	80 - 120	508	D	250	UD	500	102		P
Silver	ug/L	85 - 116	78.5	D	0.55	JD	500	16	N	P
Thallium	ug/L	82 - 116	405	D	50.0	UD	500	81	N	P
Vanadium	ug/L	86 - 115	526	D	106	D	500	84	N	P
Zinc	ug/L	83 - 119	6170	D	1950	D	5000	84		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>Nobis Group</u>	SDG No.: <u>Q2638</u>	
Contract: <u>NOBI03</u>	Lab Code: <u>ACE</u>	
Matrix: <u>Water</u>	Level: <u>LOW</u>	Client ID: <u>OU4-TS-44-071725A</u>
Sample ID: <u>Q2639-14</u>	Spiked ID: <u>Q2639-14A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	85 - 117	411	D	1.50	JD	500	82	N	P
Barium	ug/L	86 - 114	1940	D	123	D	2500	73	N	P
Chromium	ug/L	85 - 116	445	D	40.4	D	500	81	N	P
Lead	ug/L	88 - 115	2110	D	64.0	D	2500	82	N	P
Silver	ug/L	85 - 116	78.0	D	0.55	JD	500	15	N	P
Thallium	ug/L	82 - 116	416	D	50.0	UD	500	83		P
Vanadium	ug/L	86 - 115	518	D	106	D	500	83	N	P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Nobis Group **Level:** LOW **SDG No.:** Q2638
Contract: NOBI03 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q2639-14 **Client ID:** OU4-TS-44-071725DUP
Percent Solids for Sample: NA **Duplicate ID** Q2639-14DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Antimony	ug/L	20	1.50	JD	0.95	JD	45		P
Arsenic	ug/L	20	65.5	D	65.0	D	1		P
Barium	ug/L	20	123	D	121	D	2		P
Beryllium	ug/L	20	5.00	UD	5.00	UD			P
Cadmium	ug/L	20	9.95	D	9.50	D	5		P
Chromium	ug/L	20	40.4	D	38.4	D	5		P
Copper	ug/L	20	267	D	239	D	11		P
Lead	ug/L	20	64.0	D	64.0	D	0		P
Nickel	ug/L	20	175	D	167	D	5		P
Mercury	ug/L	20	0.20	U	0.20	U			CV
Selenium	ug/L	20	250	UD	250	UD			P
Silver	ug/L	20	0.55	JD	0.40	JD	32		P
Thallium	ug/L	20	50.0	UD	50.0	UD			P
Vanadium	ug/L	20	106	D	102	D	4		P
Zinc	ug/L	20	1950	D	1830	D	6		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Nobis Group **Level:** LOW **SDG No.:** Q2638
Contract: NOBI03 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q2639-14MS **Client ID:** OU4-TS-44-071725MSD
Percent Solids for Sample: NA **Duplicate ID** Q2639-14MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Antimony	ug/L	20	420	D	416	D	1		P
Arsenic	ug/L	20	568	D	566	D	0		P
Barium	ug/L	20	1980	D	1960	D	1		P
Beryllium	ug/L	20	484	D	503	D	4		P
Cadmium	ug/L	20	483	D	476	D	1		P
Chromium	ug/L	20	460	D	456	D	1		P
Copper	ug/L	20	5430	D	5250	D	3		P
Lead	ug/L	20	2060	D	2040	D	1		P
Nickel	ug/L	20	638	D	627	D	2		P
Mercury	ug/L	20	3.66		3.63		1		CV
Selenium	ug/L	20	486	D	508	D	4		P
Silver	ug/L	20	79.7	D	78.5	D	2		P
Thallium	ug/L	20	405	D	405	D	0		P
Vanadium	ug/L	20	533	D	526	D	1		P
Zinc	ug/L	20	6400	D	6170	D	4		P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>Nobis Group</u>	SDG No.:	<u>Q2638</u>
Contract:	<u>NOBI03</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168937BS							
Antimony	ug/L	500	511		102	85 - 117	P
Arsenic	ug/L	500	496		99	84 - 116	P
Barium	ug/L	2500	2530		101	86 - 114	P
Beryllium	ug/L	500	505		101	83 - 121	P
Cadmium	ug/L	500	495		99	87 - 115	P
Chromium	ug/L	500	516		103	85 - 116	P
Copper	ug/L	5000	5180		104	85 - 118	P
Lead	ug/L	2500	2500		100	88 - 115	P
Nickel	ug/L	500	506		101	85 - 117	P
Selenium	ug/L	500	503		101	80 - 120	P
Silver	ug/L	500	522		104	85 - 116	P
Thallium	ug/L	500	503		101	82 - 116	P
Vanadium	ug/L	500	511		102	86 - 115	P
Zinc	ug/L	5000	5280		106	83 - 119	P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Nobis Group

SDG No.: Q2638

Contract: NOBI03

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168959BS Mercury	ug/L	4.0	3.82		96	82 - 119	CV

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2638

Instrument ID: P7

Start Date : 07/22/2025

Run Number: LB136576

End Date : 07/22/2025

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	1442	100		100		100		100		100	
S2	S2	1448	101		100		100		101		99	
S3	S3	1451	103		100		103		100		101	
S4	S4	1455	102		101		101		101		101	
S5	S5	1458	102		100		103		101		103	
S6	S6	1500	101		102		103		101		106	
S7	S7	1503	100		103		106		104		107	
S8	S8	1506	97		106		107		98		106	
ICV01	ICV01	1639	93		103		105		105		103	
LLICV01	LLICV01	1642	90		101		105		104		102	
ICB01	ICB01	1645	91		103		105		105		103	
ICSA01	ICSA01	1648	91		104		110		104		109	
ICSAB01	ICSAB01	1655	93		110		110		106		111	
CCV01	CCV01	1658	93		112		114		108		114	
CCB01	CCB01	1709	88		106		109		109		106	
CRI	CRI	1712	90		107		110		110		106	
PB168937BL	PB168937BL	1715	91		108		109		109		105	
PB168937BS	PB168937BS	1719	95		108		112		110		109	
Q2638-02	OU4-TS-31-0	1721	90		105		125	*	110		114	
Q2638-04	OU4-TS-32-0	1725	83		103		138	*	113		117	
Q2638-06	OU4-TS-33-0	1728	80		103		132	*	111		116	
Q2638-08	OU4-TS-34-0	1731	81		101		127	*	111		118	
Q2638-10	OU4-TS-35-0	1734	81		99		130	*	110		119	
Q2638-12	OU4-TS-36-0	1737	80		100		128	*	108		118	
Q2638-14	OU4-TS-37-0	1740	77		98		132	*	110		118	
CCV02	CCV02	1748	87		107		116		110		116	
CCB02	CCB02	1804	87		105		111		111		109	
ZZZZZZ	ZZZZZZ	1807										
ZZZZZZ	ZZZZZZ	1811										
ZZZZZZ	ZZZZZZ	1814										
ZZZZZZ	ZZZZZZ	1817										
ZZZZZZ	ZZZZZZ	1820										
ZZZZZZ	ZZZZZZ	1823										
ZZZZZZ	ZZZZZZ	1826										
Q2639-14DUP	OU4-TS-44-0	1829	80		109		129	*	117		118	
Q2639-14L	OU4-TS-44-0	1833	80		107		117		117		114	

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.: Q2638

Instrument ID: P7

Start Date : 07/22/2025

Run Number: LB136576

End Date : 07/22/2025

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
Q2639-14MS	OU4-TS-44-0	1836	82		110		130	*	118		117	
CCV03	CCV03	1900	84		112		116		110		113	
CCB03	CCB03	1913	84		105		111		111		109	
Q2639-14MSD	OU4-TS-44-0	1918	86		109		124	*	113		114	
Q2639-14A	OU4-TS-44-0	1921	88		109		127	*	114		115	
PB168937TB	PB168937TB	1924	84		108		113		113		111	
ZZZZZZ	ZZZZZZ	1927										
ZZZZZZ	ZZZZZZ	1931										
ZZZZZZ	ZZZZZZ	1934										
ZZZZZZ	ZZZZZZ	1937										
ZZZZZZ	ZZZZZZ	1940										
ZZZZZZ	ZZZZZZ	1943										
ZZZZZZ	ZZZZZZ	1946										
CCV04	CCV04	1953	87		114		119		112		116	
CCB04	CCB04	2003	86		108		113		112		111	
ZZZZZZ	ZZZZZZ	2006										
ZZZZZZ	ZZZZZZ	2010										
ZZZZZZ	ZZZZZZ	2013										
ZZZZZZ	ZZZZZZ	2025										
ZZZZZZ	ZZZZZZ	2028										
ZZZZZZ	ZZZZZZ	2032										
ZZZZZZ	ZZZZZZ	2035										
ZZZZZZ	ZZZZZZ	2038										
ZZZZZZ	ZZZZZZ	2041										
CCV05	CCV05	2102	90		111		116		109		114	
CCB05	CCB05	2109	88		109		112		112		111	
ZZZZZZ	ZZZZZZ	2112										
ZZZZZZ	ZZZZZZ	2116										
ZZZZZZ	ZZZZZZ	2119										
ZZZZZZ	ZZZZZZ	2122										
ZZZZZZ	ZZZZZZ	2125										
ZZZZZZ	ZZZZZZ	2128										
ZZZZZZ	ZZZZZZ	2132										
ZZZZZZ	ZZZZZZ	2135										
ZZZZZZ	ZZZZZZ	2138										
ZZZZZZ	ZZZZZZ	2141										

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.: Q2638

Instrument ID: P7

Start Date : 07/22/2025

Run Number: LB136576

End Date : 07/22/2025

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
CCV06	CCV06	2204	85		117		122	*	112		113	
CCB06	CCB06	2211	86		110		114		114		110	
Q2638-02	OU4-TS-31-0	2215	88		113		119		115		112	
Q2638-04	OU4-TS-32-0	2218	88		114		123	*	118		112	
Q2638-06	OU4-TS-33-0	2221	86		114		123	*	117		111	
Q2638-14	OU4-TS-37-0	2224	86		113		122	*	117		110	
CCV07	CCV07	2228	88		115		120		114		113	
CCB07	CCB07	2230	89		109		115		113		109	

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2638

Instrument ID: P7

Start Date : 07/22/2025

Run Number: LB136576

End Date : 07/22/2025

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	1442	100		100		100		100		100	
S2	S2	1448	100		101		100		101		101	
S3	S3	1451	102		103		101		101		102	
S4	S4	1455	100		101		99		102		103	
S5	S5	1458	100		101		102		106		104	
S6	S6	1500	102		105		102		105		105	
S7	S7	1503	105		107		103		109		108	
S8	S8	1506	108		111		101		110		109	
ICV01	ICV01	1639	101		104		104		106		104	
LLICV01	LLICV01	1642	101		104		105		105		104	
ICB01	ICB01	1645	100		106		105		104		104	
ICSA01	ICSA01	1648	103		107		104		109		108	
ICSAB01	ICSAB01	1655	103		109		107		111		110	
CCV01	CCV01	1658	107		112		105		112		112	
CCB01	CCB01	1709	103		108		107		107		106	
CRI	CRI	1712	103		108		108		108		105	
PB168937BL	PB168937BL	1715	103		108		108		107		106	
PB168937BS	PB168937BS	1719	104		109		107		110		110	
Q2638-02	OU4-TS-31-0	1721	93		111		105		111		108	
Q2638-04	OU4-TS-32-0	1725	93		127	*	108		109		108	
Q2638-06	OU4-TS-33-0	1728	91		120		107		110		110	
Q2638-08	OU4-TS-34-0	1731	89		111		103		108		106	
Q2638-10	OU4-TS-35-0	1734	89		114		106		106		107	
Q2638-12	OU4-TS-36-0	1737	88		113		104		107		108	
Q2638-14	OU4-TS-37-0	1740	89		117		105		111		108	
CCV02	CCV02	1748	103		111		107		112		112	
CCB02	CCB02	1804	100		109		109		109		108	
ZZZZZZ	ZZZZZZ	1807										
ZZZZZZ	ZZZZZZ	1811										
ZZZZZZ	ZZZZZZ	1814										
ZZZZZZ	ZZZZZZ	1817										
ZZZZZZ	ZZZZZZ	1820										
ZZZZZZ	ZZZZZZ	1823										
ZZZZZZ	ZZZZZZ	1826										
Q2639-14DUP	OU4-TS-44-0	1829	101		122	*	113		115		113	
Q2639-14L	OU4-TS-44-0	1833	101		113		112		112		111	

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.: Q2638

Instrument ID: P7

Start Date : 07/22/2025

Run Number: LB136576

End Date : 07/22/2025

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
Q2639-14MS	OU4-TS-44-0	1836	104		124	*	114		116		115	
CCV03	CCV03	1900	103		110		106		112		112	
CCB03	CCB03	1913	100		108		109		109		107	
Q2639-14MSD	OU4-TS-44-0	1918	104		121	*	111		113		112	
Q2639-14A	OU4-TS-44-0	1921	104		122	*	113		115		113	
PB168937TB	PB168937TB	1924	102		113		113		110		109	
ZZZZZZ	ZZZZZZ	1927										
ZZZZZZ	ZZZZZZ	1931										
ZZZZZZ	ZZZZZZ	1934										
ZZZZZZ	ZZZZZZ	1937										
ZZZZZZ	ZZZZZZ	1940										
ZZZZZZ	ZZZZZZ	1943										
ZZZZZZ	ZZZZZZ	1946										
CCV04	CCV04	1953	106		114		110		115		113	
CCB04	CCB04	2003	102		110		111		110		109	
ZZZZZZ	ZZZZZZ	2006										
ZZZZZZ	ZZZZZZ	2010										
ZZZZZZ	ZZZZZZ	2013										
ZZZZZZ	ZZZZZZ	2025										
ZZZZZZ	ZZZZZZ	2028										
ZZZZZZ	ZZZZZZ	2032										
ZZZZZZ	ZZZZZZ	2035										
ZZZZZZ	ZZZZZZ	2038										
ZZZZZZ	ZZZZZZ	2041										
CCV05	CCV05	2102	107		115		108		114		112	
CCB05	CCB05	2109	104		112		111		111		109	
ZZZZZZ	ZZZZZZ	2112										
ZZZZZZ	ZZZZZZ	2116										
ZZZZZZ	ZZZZZZ	2119										
ZZZZZZ	ZZZZZZ	2122										
ZZZZZZ	ZZZZZZ	2125										
ZZZZZZ	ZZZZZZ	2128										
ZZZZZZ	ZZZZZZ	2132										
ZZZZZZ	ZZZZZZ	2135										
ZZZZZZ	ZZZZZZ	2138										
ZZZZZZ	ZZZZZZ	2141										

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.: Q2638

Instrument ID: P7

Start Date : 07/22/2025

Run Number: LB136576

End Date : 07/22/2025

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
CCV06	CCV06	2204	111		119		112		116		115	
CCB06	CCB06	2211	106		116		115		114		110	
Q2638-02	OU4-TS-31-0	2215	110		121	*	117		115		114	
Q2638-04	OU4-TS-32-0	2218	109		124	*	117		115		114	
Q2638-06	OU4-TS-33-0	2221	110		123	*	117		116		114	
Q2638-14	OU4-TS-37-0	2224	110		124	*	119		116		115	
CCV07	CCV07	2228	109		117		111		116		115	
CCB07	CCB07	2230	105		115		113		112		111	

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2638

Instrument ID: P7

Start Date : 07/24/2025

Run Number: LB136601

End Date : 07/24/2025

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	1042	100		100		100		100		100	
S2	S2	1049	103		102		101		102		103	
S3	S3	1052	103		100		101		101		102	
S4	S4	1055	104		101		103		101		104	
S5	S5	1058	103		101		102		101		105	
S6	S6	1101	103		102		105		102		108	
S7	S7	1104	106		105		108		104		109	
S8	S8	1107	99		106		107		99		108	
ICV01	ICV01	1125	94		110		110		110		108	
LLICV01	LLICV01	1134	92		106		109		108		106	
ICB01	ICB01	1138	93		107		108		107		105	
ICSA01	ICSA01	1141	94		105		110		106		109	
ICSAB01	ICSAB01	1149	90		106		110		106		111	
CCV01	CCV01	1152	90		108		113		107		113	
CCB01	CCB01	1157	89		105		111		109		109	
CRI	CRI	1201	91		107		112		109		108	
ZZZZZZ	ZZZZZZ	1204										
ZZZZZZ	ZZZZZZ	1207										
ZZZZZZ	ZZZZZZ	1211										
ZZZZZZ	ZZZZZZ	1214										
ZZZZZZ	ZZZZZZ	1217										
ZZZZZZ	ZZZZZZ	1220										
ZZZZZZ	ZZZZZZ	1224										
Q2638-02	OU4-TS-31-0	1231	97		111		117		113		110	
Q2638-04	OU4-TS-32-0	1234	95		111		117		114		111	
CCV02	CCV02	1239	97		113		116		110		114	
CCB02	CCB02	1245	96		107		109		110		108	
Q2638-06	OU4-TS-33-0	1250	97		109		113		110		109	
Q2638-08	OU4-TS-34-0	1253	95		108		112		110		111	
Q2638-10	OU4-TS-35-0	1256	96		108		114		112		110	
Q2638-12	OU4-TS-36-0	1259	96		108		114		113		110	
Q2638-14	OU4-TS-37-0	1303	95		112		115		113		111	
ZZZZZZ	ZZZZZZ	1306										
ZZZZZZ	ZZZZZZ	1309										
ZZZZZZ	ZZZZZZ	1312										
ZZZZZZ	ZZZZZZ	1316										

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.: Q2638

Instrument ID: P7

Start Date : 07/24/2025

Run Number: LB136601

End Date : 07/24/2025

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	1319										
CCV03	CCV03	1322	97		116		118		113		115	
CCB03	CCB03	1326	95		108		111		110		109	
ZZZZZZ	ZZZZZZ	1330										
ZZZZZZ	ZZZZZZ	1334										
Q2639-14DUP	OU4-TS-44-0	1337	98		112		115		114		112	
Q2639-14L	OU4-TS-44-0	1340	96		111		115		113		110	
Q2639-14MS	OU4-TS-44-0	1343	94		111		114		114		113	
Q2639-14MSD	OU4-TS-44-0	1349	95		113		116		115		111	
Q2639-14A	OU4-TS-44-0	1352	94		113		117		116		113	
CCV04	CCV04	1406	102		114		118		112		116	
CCB04	CCB04	1409	98		106		110		107		108	

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2638

Instrument ID: P7

Start Date : 07/24/2025

Run Number: LB136601

End Date : 07/24/2025

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	1042	100		100		100		100		100	
S2	S2	1049	101		100		101		101		98	
S3	S3	1052	99		100		100		101		99	
S4	S4	1055	100		101		100		102		101	
S5	S5	1058	100		101		101		103		102	
S6	S6	1101	102		104		103		104		106	
S7	S7	1104	104		106		102		107		106	
S8	S8	1107	106		109		100		107		107	
ICV01	ICV01	1125	106		108		107		106		107	
LLICV01	LLICV01	1134	104		106		107		106		104	
ICB01	ICB01	1138	103		106		107		105		104	
ICSA01	ICSA01	1141	104		106		105		108		106	
ICSAB01	ICSAB01	1149	103		106		105		105		107	
CCV01	CCV01	1152	106		110		104		109		106	
CCB01	CCB01	1157	102		105		105		104		102	
CRI	CRI	1201	102		107		107		106		104	
ZZZZZZ	ZZZZZZ	1204										
ZZZZZZ	ZZZZZZ	1207										
ZZZZZZ	ZZZZZZ	1211										
ZZZZZZ	ZZZZZZ	1214										
ZZZZZZ	ZZZZZZ	1217										
ZZZZZZ	ZZZZZZ	1220										
ZZZZZZ	ZZZZZZ	1224										
Q2638-02	OU4-TS-31-0	1231	108		113		111		109		108	
Q2638-04	OU4-TS-32-0	1234	107		114		109		110		108	
CCV02	CCV02	1239	109		112		106		110		109	
CCB02	CCB02	1245	102		108		106		105		103	
Q2638-06	OU4-TS-33-0	1250	105		110		108		107		105	
Q2638-08	OU4-TS-34-0	1253	105		109		108		108		105	
Q2638-10	OU4-TS-35-0	1256	105		110		109		107		106	
Q2638-12	OU4-TS-36-0	1259	104		111		109		107		105	
Q2638-14	OU4-TS-37-0	1303	106		113		111		108		107	
ZZZZZZ	ZZZZZZ	1306										
ZZZZZZ	ZZZZZZ	1309										
ZZZZZZ	ZZZZZZ	1312										
ZZZZZZ	ZZZZZZ	1316										

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.: Q2638

Instrument ID: P7

Start Date : 07/24/2025

Run Number: LB136601

End Date : 07/24/2025

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	1319										
CCV03	CCV03	1322	109		111		105		112		108	
CCB03	CCB03	1326	103		107		109		106		104	
ZZZZZZ	ZZZZZZ	1330										
ZZZZZZ	ZZZZZZ	1334										
Q2639-14DUP	OU4-TS-44-0	1337	106		112		110		109		106	
Q2639-14L	OU4-TS-44-0	1340	104		109		108		107		104	
Q2639-14MS	OU4-TS-44-0	1343	107		112		112		110		108	
Q2639-14MSD	OU4-TS-44-0	1349	108		114		111		111		107	
Q2639-14A	OU4-TS-44-0	1352	108		115		112		110		109	
CCV04	CCV04	1406	109		112		107		111		110	
CCB04	CCB04	1409	101		104		104		104		103	

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2638

Instrument ID: P7

Start Date : 07/22/2025

Run Number: LB136576

End Date : 07/22/2025

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	1442	100		100							
S2	S2	1448	101		104							
S3	S3	1451	101		104							
S4	S4	1455	102		104							
S5	S5	1458	104		105							
S6	S6	1500	105		106							
S7	S7	1503	109		107							
S8	S8	1506	106		100							
ICV01	ICV01	1639	104		107							
LLICV01	LLICV01	1642	104		106							
ICB01	ICB01	1645	104		105							
ICSA01	ICSA01	1648	110		105							
ICSAB01	ICSAB01	1655	114		112							
CCV01	CCV01	1658	113		109							
CCB01	CCB01	1709	106		107							
CRI	CRI	1712	107		107							
PB168937BL	PB168937BL	1715	107		108							
PB168937BS	PB168937BS	1719	110		109							
Q2638-02	OU4-TS-31-07	1721	114		127	*						
Q2638-04	OU4-TS-32-07	1725	118		124	*						
Q2638-06	OU4-TS-33-07	1728	118		125	*						
Q2638-08	OU4-TS-34-07	1731	119		127	*						
Q2638-10	OU4-TS-35-07	1734	120		127	*						
Q2638-12	OU4-TS-36-07	1737	120		127	*						
Q2638-14	OU4-TS-37-07	1740	119		125	*						
CCV02	CCV02	1748	117		114							
CCB02	CCB02	1804	108		110							
ZZZZZZ	ZZZZZZ	1807										
ZZZZZZ	ZZZZZZ	1811										
ZZZZZZ	ZZZZZZ	1814										
ZZZZZZ	ZZZZZZ	1817										
ZZZZZZ	ZZZZZZ	1820										
ZZZZZZ	ZZZZZZ	1823										
ZZZZZZ	ZZZZZZ	1826										

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.: Q2638

Instrument ID: P7

Start Date : 07/22/2025

Run Number: LB136576

End Date : 07/22/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
Q2639-14DUP	OU4-TS-44-07	1829	117		117							
Q2639-14L	OU4-TS-44-07	1833	116		111							
Q2639-14MS	OU4-TS-44-07	1836	119		116							
CCV03	CCV03	1900	114		110							
CCB03	CCB03	1913	110		112							
Q2639-14MSD	OU4-TS-44-07	1918	115		113							
Q2639-14A	OU4-TS-44-07	1921	116		114							
PB168937TB	PB168937TB	1924	110		110							
ZZZZZZ	ZZZZZZ	1927										
ZZZZZZ	ZZZZZZ	1931										
ZZZZZZ	ZZZZZZ	1934										
ZZZZZZ	ZZZZZZ	1937										
ZZZZZZ	ZZZZZZ	1940										
ZZZZZZ	ZZZZZZ	1943										
ZZZZZZ	ZZZZZZ	1946										
CCV04	CCV04	1953	116		109							
CCB04	CCB04	2003	110		111							
ZZZZZZ	ZZZZZZ	2006										
ZZZZZZ	ZZZZZZ	2010										
ZZZZZZ	ZZZZZZ	2013										
ZZZZZZ	ZZZZZZ	2025										
ZZZZZZ	ZZZZZZ	2028										
ZZZZZZ	ZZZZZZ	2032										
ZZZZZZ	ZZZZZZ	2035										
ZZZZZZ	ZZZZZZ	2038										
ZZZZZZ	ZZZZZZ	2041										
CCV05	CCV05	2102	115		110							
CCB05	CCB05	2109	110		112							
ZZZZZZ	ZZZZZZ	2112										
ZZZZZZ	ZZZZZZ	2116										
ZZZZZZ	ZZZZZZ	2119										
ZZZZZZ	ZZZZZZ	2122										
ZZZZZZ	ZZZZZZ	2125										
ZZZZZZ	ZZZZZZ	2128										

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.: Q2638

Instrument ID: P7

Start Date : 07/22/2025

Run Number: LB136576

End Date : 07/22/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	ZZZZZZ	2132										
ZZZZZZ	ZZZZZZ	2135										
ZZZZZZ	ZZZZZZ	2138										
ZZZZZZ	ZZZZZZ	2141										
CCV06	CCV06	2204	114		105							
CCB06	CCB06	2211	108		110							
Q2638-02	OU4-TS-31-07	2215	114		111							
Q2638-04	OU4-TS-32-07	2218	113		111							
Q2638-06	OU4-TS-33-07	2221	113		111							
Q2638-14	OU4-TS-37-07	2224	112		110							
CCV07	CCV07	2228	112		107							
CCB07	CCB07	2230	110		110							

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2638

Instrument ID: P7

Start Date : 07/22/2025

Run Number: LB136576

End Date : 07/22/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
S0	S0	1442	100									
S2	S2	1448	101									
S3	S3	1451	102									
S4	S4	1455	101									
S5	S5	1458	104									
S6	S6	1500	104									
S7	S7	1503	104									
S8	S8	1506	99									
ICV01	ICV01	1639	106									
LLICV01	LLICV01	1642	105									
ICB01	ICB01	1645	105									
ICSA01	ICSA01	1648	105									
ICSAB01	ICSAB01	1655	108									
CCV01	CCV01	1658	104									
CCB01	CCB01	1709	106									
CRI	CRI	1712	108									
PB168937BL	PB168937BL	1715	106									
PB168937BS	PB168937BS	1719	108									
Q2638-02	OU4-TS-31-07	1721	116									
Q2638-04	OU4-TS-32-07	1725	115									
Q2638-06	OU4-TS-33-07	1728	116									
Q2638-08	OU4-TS-34-07	1731	113									
Q2638-10	OU4-TS-35-07	1734	113									
Q2638-12	OU4-TS-36-07	1737	112									
Q2638-14	OU4-TS-37-07	1740	113									
CCV02	CCV02	1748	107									
CCB02	CCB02	1804	108									
ZZZZZZ	ZZZZZZ	1807										
ZZZZZZ	ZZZZZZ	1811										
ZZZZZZ	ZZZZZZ	1814										
ZZZZZZ	ZZZZZZ	1817										
ZZZZZZ	ZZZZZZ	1820										
ZZZZZZ	ZZZZZZ	1823										
ZZZZZZ	ZZZZZZ	1826										

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.: Q2638

Instrument ID: P7

Start Date : 07/22/2025

Run Number: LB136576

End Date : 07/22/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
Q2639-14DUP	OU4-TS-44-07	1829	114									
Q2639-14L	OU4-TS-44-07	1833	114									
Q2639-14MS	OU4-TS-44-07	1836	114									
CCV03	CCV03	1900	106									
CCB03	CCB03	1913	108									
Q2639-14MSD	OU4-TS-44-07	1918	111									
Q2639-14A	OU4-TS-44-07	1921	111									
PB168937TB	PB168937TB	1924	111									
ZZZZZZ	ZZZZZZ	1927										
ZZZZZZ	ZZZZZZ	1931										
ZZZZZZ	ZZZZZZ	1934										
ZZZZZZ	ZZZZZZ	1937										
ZZZZZZ	ZZZZZZ	1940										
ZZZZZZ	ZZZZZZ	1943										
ZZZZZZ	ZZZZZZ	1946										
CCV04	CCV04	1953	106									
CCB04	CCB04	2003	111									
ZZZZZZ	ZZZZZZ	2006										
ZZZZZZ	ZZZZZZ	2010										
ZZZZZZ	ZZZZZZ	2013										
ZZZZZZ	ZZZZZZ	2025										
ZZZZZZ	ZZZZZZ	2028										
ZZZZZZ	ZZZZZZ	2032										
ZZZZZZ	ZZZZZZ	2035										
ZZZZZZ	ZZZZZZ	2038										
ZZZZZZ	ZZZZZZ	2041										
CCV05	CCV05	2102	105									
CCB05	CCB05	2109	108									
ZZZZZZ	ZZZZZZ	2112										
ZZZZZZ	ZZZZZZ	2116										
ZZZZZZ	ZZZZZZ	2119										
ZZZZZZ	ZZZZZZ	2122										
ZZZZZZ	ZZZZZZ	2125										
ZZZZZZ	ZZZZZZ	2128										

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.: Q2638

Instrument ID: P7

Start Date : 07/22/2025

Run Number: LB136576

End Date : 07/22/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	ZZZZZZ	2132										
ZZZZZZ	ZZZZZZ	2135										
ZZZZZZ	ZZZZZZ	2138										
ZZZZZZ	ZZZZZZ	2141										
CCV06	CCV06	2204	108									
CCB06	CCB06	2211	111									
Q2638-02	OU4-TS-31-07	2215	113									
Q2638-04	OU4-TS-32-07	2218	114									
Q2638-06	OU4-TS-33-07	2221	113									
Q2638-14	OU4-TS-37-07	2224	113									
CCV07	CCV07	2228	107									
CCB07	CCB07	2230	111									

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2638

Instrument ID: P7

Start Date : 07/24/2025

Run Number: LB136601

End Date : 07/24/2025

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	1042	100		100							
S2	S2	1049	102		102							
S3	S3	1052	104		103							
S4	S4	1055	104		103							
S5	S5	1058	105		103							
S6	S6	1101	109		104							
S7	S7	1104	108		107							
S8	S8	1107	109		99							
ICV01	ICV01	1125	109		105							
LLICV01	LLICV01	1134	106		104							
ICB01	ICB01	1138	106		105							
ICSA01	ICSA01	1141	111		106							
ICSAB01	ICSAB01	1149	114		106							
CCV01	CCV01	1152	113		106							
CCB01	CCB01	1157	108		106							
CRI	CRI	1201	108		105							
ZZZZZZ	ZZZZZZ	1204										
ZZZZZZ	ZZZZZZ	1207										
ZZZZZZ	ZZZZZZ	1211										
ZZZZZZ	ZZZZZZ	1214										
ZZZZZZ	ZZZZZZ	1217										
ZZZZZZ	ZZZZZZ	1220										
ZZZZZZ	ZZZZZZ	1224										
Q2638-02	OU4-TS-31-07	1231	112		111							
Q2638-04	OU4-TS-32-07	1234	111		109							
CCV02	CCV02	1239	114		105							
CCB02	CCB02	1245	109		105							
Q2638-06	OU4-TS-33-07	1250	109		107							
Q2638-08	OU4-TS-34-07	1253	108		105							
Q2638-10	OU4-TS-35-07	1256	110		107							
Q2638-12	OU4-TS-36-07	1259	109		107							
Q2638-14	OU4-TS-37-07	1303	111		106							
ZZZZZZ	ZZZZZZ	1306										
ZZZZZZ	ZZZZZZ	1309										

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.: Q2638

Instrument ID: P7

Start Date : 07/24/2025

Run Number: LB136601

End Date : 07/24/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	ZZZZZZ	1312										
ZZZZZZ	ZZZZZZ	1316										
ZZZZZZ	ZZZZZZ	1319										
CCV03	CCV03	1322	116		106							
CCB03	CCB03	1326	109		106							
ZZZZZZ	ZZZZZZ	1330										
ZZZZZZ	ZZZZZZ	1334										
Q2639-14DUP	OU4-TS-44-07	1337	113		109							
Q2639-14L	OU4-TS-44-07	1340	110		108							
Q2639-14MS	OU4-TS-44-07	1343	110		107							
Q2639-14MSD	OU4-TS-44-07	1349	112		109							
Q2639-14A	OU4-TS-44-07	1352	111		108							
CCV04	CCV04	1406	115		109							
CCB04	CCB04	1409	107		107							

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Nobis Group

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2638

Instrument ID: P7

Start Date : 07/24/2025

Run Number: LB136601

End Date : 07/24/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
S0	S0	1042	100									
S2	S2	1049	100									
S3	S3	1052	98									
S4	S4	1055	100									
S5	S5	1058	101									
S6	S6	1101	102									
S7	S7	1104	102									
S8	S8	1107	97									
ICV01	ICV01	1125	105									
LLICV01	LLICV01	1134	103									
ICB01	ICB01	1138	104									
ICSA01	ICSA01	1141	102									
ICSAB01	ICSAB01	1149	102									
CCV01	CCV01	1152	99									
CCB01	CCB01	1157	103									
CRI	CRI	1201	103									
ZZZZZZ	ZZZZZZ	1204										
ZZZZZZ	ZZZZZZ	1207										
ZZZZZZ	ZZZZZZ	1211										
ZZZZZZ	ZZZZZZ	1214										
ZZZZZZ	ZZZZZZ	1217										
ZZZZZZ	ZZZZZZ	1220										
ZZZZZZ	ZZZZZZ	1224										
Q2638-02	OU4-TS-31-07	1231	107									
Q2638-04	OU4-TS-32-07	1234	106									
CCV02	CCV02	1239	102									
CCB02	CCB02	1245	102									
Q2638-06	OU4-TS-33-07	1250	105									
Q2638-08	OU4-TS-34-07	1253	104									
Q2638-10	OU4-TS-35-07	1256	106									
Q2638-12	OU4-TS-36-07	1259	105									
Q2638-14	OU4-TS-37-07	1303	106									
ZZZZZZ	ZZZZZZ	1306										
ZZZZZZ	ZZZZZZ	1309										

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.: Q2638

Instrument ID: P7

Start Date : 07/24/2025

Run Number: LB136601

End Date : 07/24/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	ZZZZZZ	1312										
ZZZZZZ	ZZZZZZ	1316										
ZZZZZZ	ZZZZZZ	1319										
CCV03	CCV03	1322	102									
CCB03	CCB03	1326	104									
ZZZZZZ	ZZZZZZ	1330										
ZZZZZZ	ZZZZZZ	1334										
Q2639-14DUP	OU4-TS-44-07	1337	106									
Q2639-14L	OU4-TS-44-07	1340	104									
Q2639-14MS	OU4-TS-44-07	1343	107									
Q2639-14MSD	OU4-TS-44-07	1349	108									
Q2639-14A	OU4-TS-44-07	1352	107									
CCV04	CCV04	1406	104									
CCB04	CCB04	1409	103									

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

OU4-TS-44-071725L

Lab Name: Alliance **Contract:** NOBI03
Lab Code: ACE **Lb No.:** lb136576 **Lab Sample ID :** Q2639-14L **SDG No.:** Q2638
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	1.50	JD	50.0	UD	100		P
Arsenic	65.5	D	77.5	JD	18		P
Barium	123	D	125	JD	2		P
Beryllium	5.00	UD	25.0	UD			P
Cadmium	9.95	D	25.0	UD	22		P
Chromium	40.4	D	40.5	JD	0		P
Copper	267	D	311	D	16		P
Lead	64.0	D	70.0	JD	9		P
Nickel	175	D	168	D	4		P
Mercury	0.20	U	1.00	U			CV
Selenium	250	UD	1250	UD			P
Silver	0.55	JD	25.0	UD	100		P
Thallium	50.0	UD	250	UD			P
Vanadium	106	D	103	JD	3		P
Zinc	1950	D	1880	D	4		P



METAL PREPARATION & INSTRUMENT DATA

METAL PREPARATION & ANALYICAL SUMMARY

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client: Nobis Group

SDG No.: Q2638

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: PB168937							
PB168937BL	PB168937BL	MB	WATER	07/21/2025	50.0	50.0	
PB168937BS	PB168937BS	LCS	WATER	07/21/2025	50.0	50.0	
PB168937TB	PB168937TB	MB	WATER	07/21/2025	50.0	50.0	
Q2638-02	OU4-TS-31-071725	SAM	WATER	07/21/2025	50.0	50.0	
Q2638-04	OU4-TS-32-071725	SAM	WATER	07/21/2025	50.0	50.0	
Q2638-06	OU4-TS-33-071725	SAM	WATER	07/21/2025	50.0	50.0	
Q2638-08	OU4-TS-34-071725	SAM	WATER	07/21/2025	50.0	50.0	
Q2638-10	OU4-TS-35-071725	SAM	WATER	07/21/2025	50.0	50.0	
Q2638-12	OU4-TS-36-071725	SAM	WATER	07/21/2025	50.0	50.0	
Q2638-14	OU4-TS-37-071725	SAM	WATER	07/21/2025	50.0	50.0	
Q2639-14DUP	OU4-TS-44-071725DUP	DUP	WATER	07/21/2025	50.0	50.0	
Q2639-14MS	OU4-TS-44-071725MS	MS	WATER	07/21/2025	50.0	50.0	
Q2639-14MSD	OU4-TS-44-071725MSD	MSD	WATER	07/21/2025	50.0	50.0	

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client: Nobis Group

SDG No.: Q2638

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: PB168959							
PB168959BL	PB168959BL	MB	WATER	07/21/2025	30.0	30.0	
PB168959BS	PB168959BS	LCS	WATER	07/21/2025	30.0	30.0	
PB168959TB	PB168959TB	MB	WATER	07/21/2025	30.0	30.0	
Q2638-02	OU4-TS-31-071725	SAM	WATER	07/21/2025	30.0	30.0	
Q2638-04	OU4-TS-32-071725	SAM	WATER	07/21/2025	30.0	30.0	
Q2638-06	OU4-TS-33-071725	SAM	WATER	07/21/2025	30.0	30.0	
Q2638-08	OU4-TS-34-071725	SAM	WATER	07/21/2025	30.0	30.0	
Q2638-10	OU4-TS-35-071725	SAM	WATER	07/21/2025	30.0	30.0	
Q2638-12	OU4-TS-36-071725	SAM	WATER	07/21/2025	30.0	30.0	
Q2638-14	OU4-TS-37-071725	SAM	WATER	07/21/2025	30.0	30.0	
Q2639-14DUP	OU4-TS-44-071725DUP	DUP	WATER	07/21/2025	30.0	30.0	
Q2639-14MS	OU4-TS-44-071725MS	MS	WATER	07/21/2025	30.0	30.0	
Q2639-14MSD	OU4-TS-44-071725MSD	MSD	WATER	07/21/2025	30.0	30.0	

metals
- 14 -
ANALYSIS RUN LOG

Client: Nobis Group

Contract: NOBI03

Lab code: ACE

Sdg no.: Q2638

Instrument id number: _____

Method: _____

Run number: LB136570

Start date: 07/22/2025

End date: 07/22/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1429	HG
S0.2	S0.2	1	1431	HG
S2.5	S2.5	1	1434	HG
S5	S5	1	1436	HG
S7.5	S7.5	1	1438	HG
S10	S10	1	1452	HG
ICV36	ICV36	1	1513	HG
ICB36	ICB36	1	1515	HG
CCV34	CCV34	1	1517	HG
CCB34	CCB34	1	1520	HG
CRA	CRA	1	1522	HG
PB168959BL	PB168959BL	1	1532	HG
PB168959BS	PB168959BS	1	1537	HG
Q2638-02	OU4-TS-31-071725	1	1539	HG
Q2638-04	OU4-TS-32-071725	1	1542	HG
Q2638-06	OU4-TS-33-071725	1	1544	HG
Q2638-08	OU4-TS-34-071725	1	1546	HG
Q2638-10	OU4-TS-35-071725	1	1548	HG
CCV35	CCV35	1	1554	HG
CCB35	CCB35	1	1559	HG
Q2638-12	OU4-TS-36-071725	1	1601	HG
Q2638-14	OU4-TS-37-071725	1	1603	HG
Q2639-14DUP	OU4-TS-44-071725DUP	1	1622	HG
CCV36	CCV36	1	1628	HG
CCB36	CCB36	1	1630	HG
Q2639-14MS	OU4-TS-44-071725MS	1	1632	HG
Q2639-14MSD	OU4-TS-44-071725MSD	1	1635	HG
CCV37	CCV37	1	1658	HG
CCB37	CCB37	1	1700	HG
CCV38	CCV38	1	1731	HG
CCB38	CCB38	1	1733	HG
PB168959TB	PB168959TB	1	1753	HG
CCV39	CCV39	1	1815	HG
CCB39	CCB39	1	1820	HG
Q2639-14L	OU4-TS-44-071725L	5	1822	HG
CCV40	CCV40	1	1856	HG
CCB40	CCB40	1	1858	HG

metals
- 14 -
ANALYSIS RUN LOG

Client: Nobis Group

Contract: NOBI03

Lab code: ACE

Sdg no.: Q2638

Instrument id number: _____

Method: _____

Run number: LB136576

Start date: 07/22/2025

End date: 07/22/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1442	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1448	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1451	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1455	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1458	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S6	S6	1	1500	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S7	S7	1	1503	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S8	S8	1	1506	,
ICV01	ICV01	1	1639	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1642	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1645	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1648	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1655	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1658	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1709	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CRI	CRI	1	1712	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
PB168937BL	PB168937BL	1	1715	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
PB168937BS	PB168937BS	1	1719	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2638-02	OU4-TS-31-071725	5	1721	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Sb,V,Zn
Q2638-04	OU4-TS-32-071725	5	1725	Ag,Ba,Be,Cd,Cr,Cu,Ni,Sb,V,Zn
Q2638-06	OU4-TS-33-071725	5	1728	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Sb,V,Zn
Q2638-08	OU4-TS-34-071725	5	1731	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Sb,V,Zn
Q2638-10	OU4-TS-35-071725	5	1734	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Sb,V,Zn
Q2638-12	OU4-TS-36-071725	5	1737	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Sb,V,Zn
Q2638-14	OU4-TS-37-071725	5	1740	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Sb,V,Zn
CCV02	CCV02	1	1748	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1804	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2639-14DUP	OU4-TS-44-071725DUP	5	1829	Ag,Ba,Be,Cd,Cr,Cu,Ni,Sb,V,Zn
Q2639-14L	OU4-TS-44-071725L	25	1833	Ag,Ba,Be,Cd,Cr,Cu,Ni,Sb,V,Zn
Q2639-14MS	OU4-TS-44-071725MS	5	1836	Ag,Ba,Be,Cd,Cr,Cu,Ni,Sb,V,Zn
CCV03	CCV03	1	1900	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1913	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2639-14MSD	OU4-TS-44-071725MSD	5	1918	Ag,Ba,Be,Cd,Cr,Cu,Ni,Sb,V,Zn
Q2639-14A	OU4-TS-44-071725A	5	1921	Ag,Ba,Cr,Sb,V
PB168937TB	PB168937TB	1	1924	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1953	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	2003	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	2102	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	2109	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	2204	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	2211	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn

metals
- 14 -
ANALYSIS RUN LOG

Client: Nobis Group

Contract: NOBI03

Lab code: ACE

Sdg no.: Q2638

Instrument id number: _____

Method: _____

Run number: LB136576

Start date: 07/22/2025

End date: 07/22/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
Q2638-02	OU4-TS-31-071725	25	2215	Pb,Se,Tl
Q2638-04	OU4-TS-32-071725	25	2218	Pb,Tl
Q2638-06	OU4-TS-33-071725	25	2221	Pb,Tl
Q2638-14	OU4-TS-37-071725	25	2224	Pb,Tl
CCV07	CCV07	1	2228	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	2230	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn

metals
- 14 -
ANALYSIS RUN LOG

Client: Nobis Group

Contract: NOBI03

Lab code: ACE

Sdg no.: Q2638

Instrument id number: _____

Method: _____

Run number: LB136601

Start date: 07/24/2025

End date: 07/24/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1042	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1049	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1052	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1055	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1058	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S6	S6	1	1101	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S7	S7	1	1104	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
S8	S8	1	1107	,
ICV01	ICV01	1	1125	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1134	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1138	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1141	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1149	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1152	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1157	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CRI	CRI	1	1201	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2638-04	OU4-TS-32-071725	50	1234	As,Se
CCV02	CCV02	1	1239	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1245	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2638-06	OU4-TS-33-071725	50	1250	Se
Q2638-08	OU4-TS-34-071725	50	1253	Pb,Se,Tl
Q2638-10	OU4-TS-35-071725	50	1256	Pb,Se,Tl
Q2638-12	OU4-TS-36-071725	50	1259	Pb,Se,Tl
Q2638-14	OU4-TS-37-071725	50	1303	Se
CCV03	CCV03	1	1322	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1326	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
Q2639-14DUP	OU4-TS-44-071725DUP	50	1337	As,Pb,Se,Tl
Q2639-14L	OU4-TS-44-071725L	250	1340	As,Pb,Se,Tl
Q2639-14MS	OU4-TS-44-071725MS	50	1343	As,Pb,Se,Tl
Q2639-14MSD	OU4-TS-44-071725MSD	50	1349	As,Pb,Se,Tl
Q2639-14A	OU4-TS-44-071725A	50	1352	Pb,Tl
CCV04	CCV04	1	1406	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1409	Ag,As,Ba,Be,Cd,Cr,Cu,Ni,Pb,Sb,Se,Tl,V,Zn