

LAB CHRONICLE

OrderID:	Q2514	OrderDate:	7/3/2025 1:29:00 PM
Client:	CDM Smith	Project:	South River WM Replacement
Contact:	Marcie Ann Encinas	Location:	O21,O22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2514-01	TP-92	SOIL			07/02/25			07/03/25
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/07/25	07/09/25	
Q2514-02	TP-93	SOIL			07/02/25			07/03/25
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/07/25	07/09/25	
Q2514-03	TP-94	SOIL			07/02/25			07/03/25
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/07/25	07/09/25	
Q2514-04	TP-96	SOIL			07/02/25			07/03/25
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/07/25	07/09/25	
Q2514-05	TP-97	SOIL			07/02/25			07/03/25
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/07/25	07/09/25	
Q2514-06	TP-103	SOIL			07/02/25			07/03/25
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/07/25	07/09/25	
Q2514-07	TP-36	SOIL			07/03/25			07/03/25
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/07/25	07/09/25	
Q2514-08	TP-78	SOIL			07/03/25			07/03/25
			Mercury	7471B		07/15/25	07/16/25	
			Metals ICP-TAL	6010D		07/07/25	07/09/25	
Q2514-09	TP-81	SOIL			07/03/25			07/03/25

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Q2514-10	TP-90	SOIL	Mercury	7471B	07/15/25	07/16/25	07/03/25	07/03/25
			Metals ICP-TAL	6010D	07/07/25	07/09/25		
			Mercury	7471B	07/15/25	07/16/25		
			Metals ICP-TAL	6010D	07/07/25	07/09/25		

Hit Summary Sheet SW-846

SDG No.: Q2514 **Order ID:** Q2514
Client: CDM Smith **Project ID:** South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-92								
Q2514-01	TP-92	SOIL	Aluminum	8400		0.84	5.00	mg/Kg
Q2514-01	TP-92	SOIL	Antimony	1.32	J	0.22	2.50	mg/Kg
Q2514-01	TP-92	SOIL	Arsenic	6.73		0.19	1.00	mg/Kg
Q2514-01	TP-92	SOIL	Barium	53.0		0.73	5.00	mg/Kg
Q2514-01	TP-92	SOIL	Beryllium	0.79		0.025	0.30	mg/Kg
Q2514-01	TP-92	SOIL	Calcium	180		11.1	99.9	mg/Kg
Q2514-01	TP-92	SOIL	Chromium	11.4		0.047	0.50	mg/Kg
Q2514-01	TP-92	SOIL	Cobalt	2.27		0.10	1.50	mg/Kg
Q2514-01	TP-92	SOIL	Copper	1.26		0.22	1.00	mg/Kg
Q2514-01	TP-92	SOIL	Iron	23500		3.99	5.00	mg/Kg
Q2514-01	TP-92	SOIL	Lead	11.9		0.13	0.60	mg/Kg
Q2514-01	TP-92	SOIL	Magnesium	353		12.0	99.9	mg/Kg
Q2514-01	TP-92	SOIL	Manganese	38.3		0.14	1.00	mg/Kg
Q2514-01	TP-92	SOIL	Mercury	0.021		0.0080	0.014	mg/Kg
Q2514-01	TP-92	SOIL	Nickel	4.82		0.13	2.00	mg/Kg
Q2514-01	TP-92	SOIL	Potassium	409		27.7	99.9	mg/Kg
Q2514-01	TP-92	SOIL	Selenium	6.28		0.26	1.00	mg/Kg
Q2514-01	TP-92	SOIL	Silver	0.19	J	0.12	0.50	mg/Kg
Q2514-01	TP-92	SOIL	Sodium	364		17.8	99.9	mg/Kg
Q2514-01	TP-92	SOIL	Vanadium	22.9		0.25	2.00	mg/Kg
Q2514-01	TP-92	SOIL	Zinc	21.7		0.11	2.00	mg/Kg
Client ID : TP-93								
Q2514-02	TP-93	SOIL	Aluminum	7940		0.84	5.02	mg/Kg
Q2514-02	TP-93	SOIL	Antimony	1.62	J	0.22	2.51	mg/Kg
Q2514-02	TP-93	SOIL	Arsenic	10.3		0.19	1.00	mg/Kg
Q2514-02	TP-93	SOIL	Barium	17.1		0.73	5.02	mg/Kg
Q2514-02	TP-93	SOIL	Beryllium	0.82		0.025	0.30	mg/Kg
Q2514-02	TP-93	SOIL	Calcium	383		11.2	100	mg/Kg
Q2514-02	TP-93	SOIL	Chromium	22.5		0.047	0.50	mg/Kg
Q2514-02	TP-93	SOIL	Cobalt	2.51		0.10	1.51	mg/Kg
Q2514-02	TP-93	SOIL	Copper	4.12		0.22	1.00	mg/Kg
Q2514-02	TP-93	SOIL	Iron	25400		4.01	5.02	mg/Kg
Q2514-02	TP-93	SOIL	Lead	11.0		0.13	0.60	mg/Kg
Q2514-02	TP-93	SOIL	Magnesium	388		12.1	100	mg/Kg
Q2514-02	TP-93	SOIL	Manganese	44.0		0.14	1.00	mg/Kg
Q2514-02	TP-93	SOIL	Mercury	0.022		0.0080	0.014	mg/Kg
Q2514-02	TP-93	SOIL	Nickel	5.06		0.13	2.01	mg/Kg

Hit Summary Sheet SW-846

SDG No.: Q2514

Order ID: Q2514

Client: CDM Smith

Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2514-02	TP-93	SOIL	Potassium	337		27.8	100	mg/Kg
Q2514-02	TP-93	SOIL	Selenium	6.69		0.26	1.00	mg/Kg
Q2514-02	TP-93	SOIL	Silver	0.17	J	0.12	0.50	mg/Kg
Q2514-02	TP-93	SOIL	Sodium	707		17.9	100	mg/Kg
Q2514-02	TP-93	SOIL	Vanadium	40.1		0.25	2.01	mg/Kg
Q2514-02	TP-93	SOIL	Zinc	16.5		0.11	2.01	mg/Kg

Client ID : TP-94

Q2514-03	TP-94	SOIL	Aluminum	9340		0.81	4.79	mg/Kg
Q2514-03	TP-94	SOIL	Antimony	1.43	J	0.21	2.39	mg/Kg
Q2514-03	TP-94	SOIL	Arsenic	9.25		0.18	0.96	mg/Kg
Q2514-03	TP-94	SOIL	Barium	22.9		0.70	4.79	mg/Kg
Q2514-03	TP-94	SOIL	Beryllium	0.80		0.024	0.29	mg/Kg
Q2514-03	TP-94	SOIL	Calcium	120		10.6	95.8	mg/Kg
Q2514-03	TP-94	SOIL	Chromium	17.2		0.045	0.48	mg/Kg
Q2514-03	TP-94	SOIL	Cobalt	3.41		0.096	1.44	mg/Kg
Q2514-03	TP-94	SOIL	Copper	4.08		0.21	0.96	mg/Kg
Q2514-03	TP-94	SOIL	Iron	23700		3.82	4.79	mg/Kg
Q2514-03	TP-94	SOIL	Lead	15.5		0.13	0.57	mg/Kg
Q2514-03	TP-94	SOIL	Magnesium	686		11.5	95.8	mg/Kg
Q2514-03	TP-94	SOIL	Manganese	51.5		0.13	0.96	mg/Kg
Q2514-03	TP-94	SOIL	Mercury	0.036		0.0080	0.014	mg/Kg
Q2514-03	TP-94	SOIL	Nickel	6.62		0.13	1.92	mg/Kg
Q2514-03	TP-94	SOIL	Potassium	373		26.5	95.8	mg/Kg
Q2514-03	TP-94	SOIL	Selenium	6.45		0.25	0.96	mg/Kg
Q2514-03	TP-94	SOIL	Sodium	245		17.1	95.8	mg/Kg
Q2514-03	TP-94	SOIL	Vanadium	35.4		0.24	1.92	mg/Kg
Q2514-03	TP-94	SOIL	Zinc	19.0		0.11	1.92	mg/Kg

Client ID : TP-96

Q2514-04	TP-96	SOIL	Aluminum	11000		0.83	4.94	mg/Kg
Q2514-04	TP-96	SOIL	Antimony	1.54	J	0.22	2.47	mg/Kg
Q2514-04	TP-96	SOIL	Arsenic	10.5		0.19	0.99	mg/Kg
Q2514-04	TP-96	SOIL	Barium	23.6		0.72	4.94	mg/Kg
Q2514-04	TP-96	SOIL	Beryllium	0.86		0.025	0.30	mg/Kg
Q2514-04	TP-96	SOIL	Calcium	261		11.0	98.8	mg/Kg
Q2514-04	TP-96	SOIL	Chromium	20.3		0.046	0.49	mg/Kg
Q2514-04	TP-96	SOIL	Cobalt	2.91		0.099	1.48	mg/Kg
Q2514-04	TP-96	SOIL	Copper	3.65		0.22	0.99	mg/Kg
Q2514-04	TP-96	SOIL	Iron	24200		3.94	4.94	mg/Kg
Q2514-04	TP-96	SOIL	Lead	16.6		0.13	0.59	mg/Kg

Hit Summary Sheet
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SDG No.: Q2514 **Order ID:** Q2514
Client: CDM Smith **Project ID:** South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2514-04	TP-96	SOIL	Magnesium	592		11.9	98.8	mg/Kg
Q2514-04	TP-96	SOIL	Manganese	55.6		0.14	0.99	mg/Kg
Q2514-04	TP-96	SOIL	Mercury	0.046		0.0080	0.015	mg/Kg
Q2514-04	TP-96	SOIL	Nickel	6.27		0.13	1.98	mg/Kg
Q2514-04	TP-96	SOIL	Potassium	423		27.4	98.8	mg/Kg
Q2514-04	TP-96	SOIL	Selenium	6.74		0.26	0.99	mg/Kg
Q2514-04	TP-96	SOIL	Sodium	225		17.6	98.8	mg/Kg
Q2514-04	TP-96	SOIL	Vanadium	36.8		0.25	1.98	mg/Kg
Q2514-04	TP-96	SOIL	Zinc	19.3		0.11	1.98	mg/Kg

Client ID : TP-97

Q2514-05	TP-97	SOIL	Aluminum	10500		0.81	4.80	mg/Kg
Q2514-05	TP-97	SOIL	Antimony	1.32	J	0.21	2.40	mg/Kg
Q2514-05	TP-97	SOIL	Arsenic	8.80		0.18	0.96	mg/Kg
Q2514-05	TP-97	SOIL	Barium	28.6		0.70	4.80	mg/Kg
Q2514-05	TP-97	SOIL	Beryllium	0.79		0.024	0.29	mg/Kg
Q2514-05	TP-97	SOIL	Calcium	240		10.7	96.0	mg/Kg
Q2514-05	TP-97	SOIL	Chromium	16.0		0.045	0.48	mg/Kg
Q2514-05	TP-97	SOIL	Cobalt	3.42		0.096	1.44	mg/Kg
Q2514-05	TP-97	SOIL	Copper	4.46		0.21	0.96	mg/Kg
Q2514-05	TP-97	SOIL	Iron	22200		3.83	4.80	mg/Kg
Q2514-05	TP-97	SOIL	Lead	14.1		0.13	0.58	mg/Kg
Q2514-05	TP-97	SOIL	Magnesium	706		11.5	96.0	mg/Kg
Q2514-05	TP-97	SOIL	Manganese	46.7		0.13	0.96	mg/Kg
Q2514-05	TP-97	SOIL	Mercury	0.029		0.0080	0.015	mg/Kg
Q2514-05	TP-97	SOIL	Nickel	6.81		0.13	1.92	mg/Kg
Q2514-05	TP-97	SOIL	Potassium	406		26.6	96.0	mg/Kg
Q2514-05	TP-97	SOIL	Selenium	6.10		0.25	0.96	mg/Kg
Q2514-05	TP-97	SOIL	Silver	0.12	J	0.12	0.48	mg/Kg
Q2514-05	TP-97	SOIL	Sodium	595		17.1	96.0	mg/Kg
Q2514-05	TP-97	SOIL	Vanadium	35.3		0.24	1.92	mg/Kg
Q2514-05	TP-97	SOIL	Zinc	18.0		0.11	1.92	mg/Kg

Client ID : TP-103

Q2514-06	TP-103	SOIL	Aluminum	10200		0.89	5.30	mg/Kg
Q2514-06	TP-103	SOIL	Antimony	1.40	J	0.23	2.65	mg/Kg
Q2514-06	TP-103	SOIL	Arsenic	10.0		0.20	1.06	mg/Kg
Q2514-06	TP-103	SOIL	Barium	23.9		0.77	5.30	mg/Kg
Q2514-06	TP-103	SOIL	Beryllium	0.91		0.027	0.32	mg/Kg
Q2514-06	TP-103	SOIL	Cadmium	0.029	J	0.025	0.32	mg/Kg
Q2514-06	TP-103	SOIL	Calcium	531		11.8	106	mg/Kg

Hit Summary Sheet
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SDG No.: Q2514 **Order ID:** Q2514
Client: CDM Smith **Project ID:** South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2514-06	TP-103	SOIL	Chromium	21.8		0.050	0.53	mg/Kg
Q2514-06	TP-103	SOIL	Cobalt	3.97		0.11	1.59	mg/Kg
Q2514-06	TP-103	SOIL	Copper	3.51		0.23	1.06	mg/Kg
Q2514-06	TP-103	SOIL	Iron	26100		4.23	5.30	mg/Kg
Q2514-06	TP-103	SOIL	Lead	11.9		0.14	0.64	mg/Kg
Q2514-06	TP-103	SOIL	Magnesium	568		12.7	106	mg/Kg
Q2514-06	TP-103	SOIL	Manganese	61.9		0.15	1.06	mg/Kg
Q2514-06	TP-103	SOIL	Mercury	0.070		0.0080	0.014	mg/Kg
Q2514-06	TP-103	SOIL	Nickel	6.65		0.14	2.12	mg/Kg
Q2514-06	TP-103	SOIL	Potassium	282		29.4	106	mg/Kg
Q2514-06	TP-103	SOIL	Selenium	6.81		0.28	1.06	mg/Kg
Q2514-06	TP-103	SOIL	Sodium	288		18.9	106	mg/Kg
Q2514-06	TP-103	SOIL	Vanadium	38.3		0.27	2.12	mg/Kg
Q2514-06	TP-103	SOIL	Zinc	18.3		0.12	2.12	mg/Kg

Client ID : TP-36

Q2514-07	TP-36	SOIL	Aluminum	8840		0.79	4.67	mg/Kg
Q2514-07	TP-36	SOIL	Antimony	1.28	J	0.21	2.34	mg/Kg
Q2514-07	TP-36	SOIL	Arsenic	6.18		0.18	0.94	mg/Kg
Q2514-07	TP-36	SOIL	Barium	9.64		0.68	4.67	mg/Kg
Q2514-07	TP-36	SOIL	Beryllium	0.88		0.023	0.28	mg/Kg
Q2514-07	TP-36	SOIL	Cadmium	0.052	J	0.022	0.28	mg/Kg
Q2514-07	TP-36	SOIL	Calcium	477		10.4	93.5	mg/Kg
Q2514-07	TP-36	SOIL	Chromium	16.1		0.044	0.47	mg/Kg
Q2514-07	TP-36	SOIL	Cobalt	1.87		0.093	1.40	mg/Kg
Q2514-07	TP-36	SOIL	Copper	0.79	J	0.21	0.94	mg/Kg
Q2514-07	TP-36	SOIL	Iron	20600		3.73	4.67	mg/Kg
Q2514-07	TP-36	SOIL	Lead	44.9		0.12	0.56	mg/Kg
Q2514-07	TP-36	SOIL	Magnesium	378		11.2	93.5	mg/Kg
Q2514-07	TP-36	SOIL	Manganese	14.6		0.13	0.94	mg/Kg
Q2514-07	TP-36	SOIL	Mercury	0.019		0.0080	0.015	mg/Kg
Q2514-07	TP-36	SOIL	Nickel	5.00		0.12	1.87	mg/Kg
Q2514-07	TP-36	SOIL	Potassium	980		25.9	93.5	mg/Kg
Q2514-07	TP-36	SOIL	Selenium	5.42		0.24	0.94	mg/Kg
Q2514-07	TP-36	SOIL	Sodium	249		16.6	93.5	mg/Kg
Q2514-07	TP-36	SOIL	Vanadium	40.8		0.23	1.87	mg/Kg
Q2514-07	TP-36	SOIL	Zinc	16.7		0.10	1.87	mg/Kg

Client ID : TP-78

Q2514-08	TP-78	SOIL	Aluminum	6500		0.80	4.79	mg/Kg
Q2514-08	TP-78	SOIL	Antimony	1.41	J	0.21	2.39	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q2514 **Order ID:** Q2514
Client: CDM Smith **Project ID:** South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2514-08	TP-78	SOIL	Arsenic	8.20		0.18	0.96	mg/Kg
Q2514-08	TP-78	SOIL	Barium	14.0		0.70	4.79	mg/Kg
Q2514-08	TP-78	SOIL	Beryllium	0.67		0.024	0.29	mg/Kg
Q2514-08	TP-78	SOIL	Calcium	137		10.6	95.8	mg/Kg
Q2514-08	TP-78	SOIL	Chromium	16.6		0.045	0.48	mg/Kg
Q2514-08	TP-78	SOIL	Cobalt	1.74		0.096	1.44	mg/Kg
Q2514-08	TP-78	SOIL	Copper	2.21		0.21	0.96	mg/Kg
Q2514-08	TP-78	SOIL	Iron	24500		3.82	4.79	mg/Kg
Q2514-08	TP-78	SOIL	Lead	8.24		0.12	0.57	mg/Kg
Q2514-08	TP-78	SOIL	Magnesium	489		11.5	95.8	mg/Kg
Q2514-08	TP-78	SOIL	Manganese	37.9		0.13	0.96	mg/Kg
Q2514-08	TP-78	SOIL	Mercury	0.030		0.0080	0.015	mg/Kg
Q2514-08	TP-78	SOIL	Nickel	4.32		0.12	1.92	mg/Kg
Q2514-08	TP-78	SOIL	Potassium	640		26.5	95.8	mg/Kg
Q2514-08	TP-78	SOIL	Selenium	6.57		0.25	0.96	mg/Kg
Q2514-08	TP-78	SOIL	Silver	0.12	J	0.12	0.48	mg/Kg
Q2514-08	TP-78	SOIL	Sodium	154		17.0	95.8	mg/Kg
Q2514-08	TP-78	SOIL	Vanadium	41.8		0.24	1.92	mg/Kg
Q2514-08	TP-78	SOIL	Zinc	15.7		0.11	1.92	mg/Kg

Client ID : TP-81

Q2514-09	TP-81	SOIL	Aluminum	7770		0.90	5.34	mg/Kg
Q2514-09	TP-81	SOIL	Antimony	1.06	J	0.24	2.67	mg/Kg
Q2514-09	TP-81	SOIL	Arsenic	7.35		0.20	1.07	mg/Kg
Q2514-09	TP-81	SOIL	Barium	30.4		0.78	5.34	mg/Kg
Q2514-09	TP-81	SOIL	Beryllium	0.70		0.027	0.32	mg/Kg
Q2514-09	TP-81	SOIL	Cadmium	0.044	J	0.026	0.32	mg/Kg
Q2514-09	TP-81	SOIL	Calcium	579		11.9	107	mg/Kg
Q2514-09	TP-81	SOIL	Chromium	14.9		0.050	0.53	mg/Kg
Q2514-09	TP-81	SOIL	Cobalt	4.09		0.11	1.60	mg/Kg
Q2514-09	TP-81	SOIL	Copper	2.79		0.24	1.07	mg/Kg
Q2514-09	TP-81	SOIL	Iron	18000		4.26	5.34	mg/Kg
Q2514-09	TP-81	SOIL	Lead	11.4		0.14	0.64	mg/Kg
Q2514-09	TP-81	SOIL	Magnesium	649		12.8	107	mg/Kg
Q2514-09	TP-81	SOIL	Manganese	74.2		0.15	1.07	mg/Kg
Q2514-09	TP-81	SOIL	Mercury	0.035		0.0090	0.016	mg/Kg
Q2514-09	TP-81	SOIL	Nickel	6.57		0.14	2.14	mg/Kg
Q2514-09	TP-81	SOIL	Potassium	315		29.6	107	mg/Kg
Q2514-09	TP-81	SOIL	Selenium	5.01		0.28	1.07	mg/Kg
Q2514-09	TP-81	SOIL	Silver	0.20	J	0.13	0.53	mg/Kg
Q2514-09	TP-81	SOIL	Sodium	137		19.0	107	mg/Kg

Hit Summary Sheet
SW-846

SDG No.:	Q2514	Order ID:	Q2514
Client:	CDM Smith	Project ID:	South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2514-09	TP-81	SOIL	Vanadium	27.2		0.27	2.14	mg/Kg
Q2514-09	TP-81	SOIL	Zinc	17.1		0.12	2.14	mg/Kg
Client ID : TP-90								
Q2514-10	TP-90	SOIL	Aluminum	4530		0.83	4.94	mg/Kg
Q2514-10	TP-90	SOIL	Antimony	1.58	J	0.22	2.47	mg/Kg
Q2514-10	TP-90	SOIL	Arsenic	2.83		0.19	0.99	mg/Kg
Q2514-10	TP-90	SOIL	Barium	9.66		0.72	4.94	mg/Kg
Q2514-10	TP-90	SOIL	Beryllium	0.28	J	0.025	0.30	mg/Kg
Q2514-10	TP-90	SOIL	Calcium	2560		11.0	98.8	mg/Kg
Q2514-10	TP-90	SOIL	Chromium	7.24		0.046	0.49	mg/Kg
Q2514-10	TP-90	SOIL	Cobalt	7.80		0.099	1.48	mg/Kg
Q2514-10	TP-90	SOIL	Copper	37.9		0.22	0.99	mg/Kg
Q2514-10	TP-90	SOIL	Iron	12900		3.94	4.94	mg/Kg
Q2514-10	TP-90	SOIL	Lead	5.60		0.13	0.59	mg/Kg
Q2514-10	TP-90	SOIL	Magnesium	3870		11.9	98.8	mg/Kg
Q2514-10	TP-90	SOIL	Manganese	108		0.14	0.99	mg/Kg
Q2514-10	TP-90	SOIL	Mercury	0.021		0.0080	0.014	mg/Kg
Q2514-10	TP-90	SOIL	Nickel	16.4		0.13	1.98	mg/Kg
Q2514-10	TP-90	SOIL	Potassium	155		27.4	98.8	mg/Kg
Q2514-10	TP-90	SOIL	Selenium	2.86		0.26	0.99	mg/Kg
Q2514-10	TP-90	SOIL	Silver	0.20	J	0.12	0.49	mg/Kg
Q2514-10	TP-90	SOIL	Sodium	682		17.6	98.8	mg/Kg
Q2514-10	TP-90	SOIL	Vanadium	24.8		0.25	1.98	mg/Kg
Q2514-10	TP-90	SOIL	Zinc	15.5		0.11	1.98	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-92	SDG No.:	Q2514
Lab Sample ID:	Q2514-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8400		1	0.84	5.00	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7440-36-0	Antimony	1.32	JN	1	0.22	2.50	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7440-38-2	Arsenic	6.73		1	0.19	1.00	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7440-39-3	Barium	53.0		1	0.73	5.00	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7440-41-7	Beryllium	0.79	N	1	0.025	0.30	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7440-43-9	Cadmium	0.024	U	1	0.024	0.30	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7440-70-2	Calcium	180		1	11.1	99.9	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7440-47-3	Chromium	11.4		1	0.047	0.50	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7440-48-4	Cobalt	2.27	N	1	0.10	1.50	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7440-50-8	Copper	1.26	N	1	0.22	1.00	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7439-89-6	Iron	23500		1	3.99	5.00	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7439-92-1	Lead	11.9	*	1	0.13	0.60	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7439-95-4	Magnesium	353		1	12.0	99.9	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7439-96-5	Manganese	38.3	*	1	0.14	1.00	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7439-97-6	Mercury	0.021		1	0.0080	0.014	mg/Kg	07/15/25 15:40	07/16/25 13:47	7471B	
7440-02-0	Nickel	4.82		1	0.13	2.00	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7440-09-7	Potassium	409		1	27.7	99.9	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7782-49-2	Selenium	6.28	N	1	0.26	1.00	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7440-22-4	Silver	0.19	JN	1	0.12	0.50	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7440-23-5	Sodium	364	N	1	17.8	99.9	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	2.00	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7440-62-2	Vanadium	22.9	N*	1	0.25	2.00	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050
7440-66-6	Zinc	21.7		1	0.11	2.00	mg/Kg	07/07/25 10:05	07/09/25 19:34	6010D	SW3050

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

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

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-93	SDG No.:	Q2514
Lab Sample ID:	Q2514-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7940		1	0.84	5.02	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7440-36-0	Antimony	1.62	JN	1	0.22	2.51	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7440-38-2	Arsenic	10.3		1	0.19	1.00	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7440-39-3	Barium	17.1		1	0.73	5.02	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7440-41-7	Beryllium	0.82	N	1	0.025	0.30	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7440-43-9	Cadmium	0.024	U	1	0.024	0.30	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7440-70-2	Calcium	383		1	11.2	100	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7440-47-3	Chromium	22.5		1	0.047	0.50	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7440-48-4	Cobalt	2.51	N	1	0.10	1.51	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7440-50-8	Copper	4.12	N	1	0.22	1.00	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7439-89-6	Iron	25400		1	4.01	5.02	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7439-92-1	Lead	11.0	*	1	0.13	0.60	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7439-95-4	Magnesium	388		1	12.1	100	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7439-96-5	Manganese	44.0	*	1	0.14	1.00	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7439-97-6	Mercury	0.022		1	0.0080	0.014	mg/Kg	07/15/25 15:40	07/16/25 13:49	7471B	
7440-02-0	Nickel	5.06		1	0.13	2.01	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7440-09-7	Potassium	337		1	27.8	100	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7782-49-2	Selenium	6.69	N	1	0.26	1.00	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7440-22-4	Silver	0.17	JN	1	0.12	0.50	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7440-23-5	Sodium	707	N	1	17.9	100	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	2.01	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7440-62-2	Vanadium	40.1	N*	1	0.25	2.01	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050
7440-66-6	Zinc	16.5		1	0.11	2.01	mg/Kg	07/07/25 10:05	07/09/25 19:39	6010D	SW3050

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

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

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-94	SDG No.:	Q2514
Lab Sample ID:	Q2514-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9340		1	0.81	4.79	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-36-0	Antimony	1.43	JN	1	0.21	2.39	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-38-2	Arsenic	9.25		1	0.18	0.96	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-39-3	Barium	22.9		1	0.70	4.79	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-41-7	Beryllium	0.80	N	1	0.024	0.29	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-43-9	Cadmium	0.023	U	1	0.023	0.29	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-70-2	Calcium	120		1	10.6	95.8	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-47-3	Chromium	17.2		1	0.045	0.48	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-48-4	Cobalt	3.41	N	1	0.096	1.44	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-50-8	Copper	4.08	N	1	0.21	0.96	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7439-89-6	Iron	23700		1	3.82	4.79	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7439-92-1	Lead	15.5	*	1	0.13	0.57	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7439-95-4	Magnesium	686		1	11.5	95.8	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7439-96-5	Manganese	51.5	*	1	0.13	0.96	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7439-97-6	Mercury	0.036		1	0.0080	0.014	mg/Kg	07/15/25 15:40	07/16/25 13:51	7471B	
7440-02-0	Nickel	6.62		1	0.13	1.92	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-09-7	Potassium	373		1	26.5	95.8	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7782-49-2	Selenium	6.45	N	1	0.25	0.96	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-22-4	Silver	0.12	UN	1	0.12	0.48	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-23-5	Sodium	245	N	1	17.1	95.8	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.92	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-62-2	Vanadium	35.4	N*	1	0.24	1.92	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050
7440-66-6	Zinc	19.0		1	0.11	1.92	mg/Kg	07/07/25 10:05	07/09/25 19:43	6010D	SW3050

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

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

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-96	SDG No.:	Q2514
Lab Sample ID:	Q2514-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11000		1	0.83	4.94	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7440-36-0	Antimony	1.54	JN	1	0.22	2.47	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7440-38-2	Arsenic	10.5		1	0.19	0.99	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7440-39-3	Barium	23.6		1	0.72	4.94	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7440-41-7	Beryllium	0.86	N	1	0.025	0.30	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7440-43-9	Cadmium	0.024	U	1	0.024	0.30	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7440-70-2	Calcium	261		1	11.0	98.8	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7440-47-3	Chromium	20.3		1	0.046	0.49	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7440-48-4	Cobalt	2.91	N	1	0.099	1.48	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7440-50-8	Copper	3.65	N	1	0.22	0.99	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7439-89-6	Iron	24200		1	3.94	4.94	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7439-92-1	Lead	16.6	*	1	0.13	0.59	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7439-95-4	Magnesium	592		1	11.9	98.8	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7439-96-5	Manganese	55.6	*	1	0.14	0.99	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7439-97-6	Mercury	0.046		1	0.0080	0.015	mg/Kg	07/15/25 15:40	07/16/25 13:54	7471B	
7440-02-0	Nickel	6.27		1	0.13	1.98	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7440-09-7	Potassium	423		1	27.4	98.8	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7782-49-2	Selenium	6.74	N	1	0.26	0.99	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7440-22-4	Silver	0.12	UN	1	0.12	0.49	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7440-23-5	Sodium	225	N	1	17.6	98.8	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	1.98	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7440-62-2	Vanadium	36.8	N*	1	0.25	1.98	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050
7440-66-6	Zinc	19.3		1	0.11	1.98	mg/Kg	07/07/25 10:05	07/09/25 19:56	6010D	SW3050

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

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

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-97	SDG No.:	Q2514
Lab Sample ID:	Q2514-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	85

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10500		1	0.81	4.80	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7440-36-0	Antimony	1.32	JN	1	0.21	2.40	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7440-38-2	Arsenic	8.80		1	0.18	0.96	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7440-39-3	Barium	28.6		1	0.70	4.80	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7440-41-7	Beryllium	0.79	N	1	0.024	0.29	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7440-43-9	Cadmium	0.023	U	1	0.023	0.29	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7440-70-2	Calcium	240		1	10.7	96.0	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7440-47-3	Chromium	16.0		1	0.045	0.48	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7440-48-4	Cobalt	3.42	N	1	0.096	1.44	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7440-50-8	Copper	4.46	N	1	0.21	0.96	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7439-89-6	Iron	22200		1	3.83	4.80	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7439-92-1	Lead	14.1	*	1	0.13	0.58	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7439-95-4	Magnesium	706		1	11.5	96.0	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7439-96-5	Manganese	46.7	*	1	0.13	0.96	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7439-97-6	Mercury	0.029		1	0.0080	0.015	mg/Kg	07/15/25 15:40	07/16/25 13:56	7471B	
7440-02-0	Nickel	6.81		1	0.13	1.92	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7440-09-7	Potassium	406		1	26.6	96.0	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7782-49-2	Selenium	6.10	N	1	0.25	0.96	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7440-22-4	Silver	0.12	JN	1	0.12	0.48	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7440-23-5	Sodium	595	N	1	17.1	96.0	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.92	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7440-62-2	Vanadium	35.3	N*	1	0.24	1.92	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050
7440-66-6	Zinc	18.0		1	0.11	1.92	mg/Kg	07/07/25 10:05	07/09/25 20:01	6010D	SW3050

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

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

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-103	SDG No.:	Q2514
Lab Sample ID:	Q2514-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10200		1	0.89	5.30	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7440-36-0	Antimony	1.40	JN	1	0.23	2.65	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7440-38-2	Arsenic	10.0		1	0.20	1.06	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7440-39-3	Barium	23.9		1	0.77	5.30	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7440-41-7	Beryllium	0.91	N	1	0.027	0.32	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7440-43-9	Cadmium	0.029	J	1	0.025	0.32	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7440-70-2	Calcium	531		1	11.8	106	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7440-47-3	Chromium	21.8		1	0.050	0.53	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7440-48-4	Cobalt	3.97	N	1	0.11	1.59	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7440-50-8	Copper	3.51	N	1	0.23	1.06	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7439-89-6	Iron	26100		1	4.23	5.30	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7439-92-1	Lead	11.9	*	1	0.14	0.64	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7439-95-4	Magnesium	568		1	12.7	106	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7439-96-5	Manganese	61.9	*	1	0.15	1.06	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7439-97-6	Mercury	0.070		1	0.0080	0.014	mg/Kg	07/15/25 15:40	07/16/25 13:58	7471B	
7440-02-0	Nickel	6.65		1	0.14	2.12	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7440-09-7	Potassium	282		1	29.4	106	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7782-49-2	Selenium	6.81	N	1	0.28	1.06	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7440-22-4	Silver	0.13	UN	1	0.13	0.53	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7440-23-5	Sodium	288	N	1	18.9	106	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.12	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7440-62-2	Vanadium	38.3	N*	1	0.27	2.12	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050
7440-66-6	Zinc	18.3		1	0.12	2.12	mg/Kg	07/07/25 10:05	07/09/25 20:05	6010D	SW3050

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

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

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/03/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-36	SDG No.:	Q2514
Lab Sample ID:	Q2514-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8840		1	0.79	4.67	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-36-0	Antimony	1.28	JN	1	0.21	2.34	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-38-2	Arsenic	6.18		1	0.18	0.94	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-39-3	Barium	9.64		1	0.68	4.67	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-41-7	Beryllium	0.88	N	1	0.023	0.28	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-43-9	Cadmium	0.052	J	1	0.022	0.28	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-70-2	Calcium	477		1	10.4	93.5	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-47-3	Chromium	16.1		1	0.044	0.47	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-48-4	Cobalt	1.87	N	1	0.093	1.40	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-50-8	Copper	0.79	JN	1	0.21	0.94	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7439-89-6	Iron	20600		1	3.73	4.67	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7439-92-1	Lead	44.9	*	1	0.12	0.56	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7439-95-4	Magnesium	378		1	11.2	93.5	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7439-96-5	Manganese	14.6	*	1	0.13	0.94	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7439-97-6	Mercury	0.019		1	0.0080	0.015	mg/Kg	07/15/25 15:40	07/16/25 14:01	7471B	
7440-02-0	Nickel	5.00		1	0.12	1.87	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-09-7	Potassium	980		1	25.9	93.5	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7782-49-2	Selenium	5.42	N	1	0.24	0.94	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-22-4	Silver	0.11	UN	1	0.11	0.47	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-23-5	Sodium	249	N	1	16.6	93.5	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.87	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-62-2	Vanadium	40.8	N*	1	0.23	1.87	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050
7440-66-6	Zinc	16.7		1	0.10	1.87	mg/Kg	07/07/25 10:05	07/09/25 20:10	6010D	SW3050

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

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

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/03/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-78	SDG No.:	Q2514
Lab Sample ID:	Q2514-08	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6500		1	0.80	4.79	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7440-36-0	Antimony	1.41	JN	1	0.21	2.39	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7440-38-2	Arsenic	8.20		1	0.18	0.96	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7440-39-3	Barium	14.0		1	0.70	4.79	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7440-41-7	Beryllium	0.67	N	1	0.024	0.29	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7440-43-9	Cadmium	0.023	U	1	0.023	0.29	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7440-70-2	Calcium	137		1	10.6	95.8	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7440-47-3	Chromium	16.6		1	0.045	0.48	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7440-48-4	Cobalt	1.74	N	1	0.096	1.44	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7440-50-8	Copper	2.21	N	1	0.21	0.96	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7439-89-6	Iron	24500		1	3.82	4.79	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7439-92-1	Lead	8.24	*	1	0.12	0.57	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7439-95-4	Magnesium	489		1	11.5	95.8	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7439-96-5	Manganese	37.9	*	1	0.13	0.96	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7439-97-6	Mercury	0.030		1	0.0080	0.015	mg/Kg	07/15/25 15:40	07/16/25 14:03	7471B	
7440-02-0	Nickel	4.32		1	0.12	1.92	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7440-09-7	Potassium	640		1	26.5	95.8	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7782-49-2	Selenium	6.57	N	1	0.25	0.96	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7440-22-4	Silver	0.12	JN	1	0.12	0.48	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7440-23-5	Sodium	154	N	1	17.0	95.8	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.92	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7440-62-2	Vanadium	41.8	N*	1	0.24	1.92	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050
7440-66-6	Zinc	15.7		1	0.11	1.92	mg/Kg	07/07/25 10:05	07/09/25 20:14	6010D	SW3050

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

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

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/03/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-81	SDG No.:	Q2514
Lab Sample ID:	Q2514-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7770		1	0.90	5.34	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7440-36-0	Antimony	1.06	JN	1	0.24	2.67	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7440-38-2	Arsenic	7.35		1	0.20	1.07	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7440-39-3	Barium	30.4		1	0.78	5.34	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7440-41-7	Beryllium	0.70	N	1	0.027	0.32	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7440-43-9	Cadmium	0.044	J	1	0.026	0.32	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7440-70-2	Calcium	579		1	11.9	107	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7440-47-3	Chromium	14.9		1	0.050	0.53	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7440-48-4	Cobalt	4.09	N	1	0.11	1.60	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7440-50-8	Copper	2.79	N	1	0.24	1.07	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7439-89-6	Iron	18000		1	4.26	5.34	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7439-92-1	Lead	11.4	*	1	0.14	0.64	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7439-95-4	Magnesium	649		1	12.8	107	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7439-96-5	Manganese	74.2	*	1	0.15	1.07	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7439-97-6	Mercury	0.035		1	0.0090	0.016	mg/Kg	07/15/25 15:40	07/16/25 14:05	7471B	
7440-02-0	Nickel	6.57		1	0.14	2.14	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7440-09-7	Potassium	315		1	29.6	107	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7782-49-2	Selenium	5.01	N	1	0.28	1.07	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7440-22-4	Silver	0.20	JN	1	0.13	0.53	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7440-23-5	Sodium	137	N	1	19.0	107	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.14	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7440-62-2	Vanadium	27.2	N*	1	0.27	2.14	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050
7440-66-6	Zinc	17.1		1	0.12	2.14	mg/Kg	07/07/25 10:05	07/09/25 20:19	6010D	SW3050

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	CDM Smith	Date Collected:	07/03/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	TP-90	SDG No.:	Q2514
Lab Sample ID:	Q2514-10	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4530		1	0.83	4.94	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-36-0	Antimony	1.58	JN	1	0.22	2.47	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-38-2	Arsenic	2.83		1	0.19	0.99	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-39-3	Barium	9.66		1	0.72	4.94	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-41-7	Beryllium	0.28	JN	1	0.025	0.30	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-43-9	Cadmium	0.024	U	1	0.024	0.30	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-70-2	Calcium	2560		1	11.0	98.8	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-47-3	Chromium	7.24		1	0.046	0.49	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-48-4	Cobalt	7.80	N	1	0.099	1.48	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-50-8	Copper	37.9	N	1	0.22	0.99	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7439-89-6	Iron	12900		1	3.94	4.94	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7439-92-1	Lead	5.60	*	1	0.13	0.59	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7439-95-4	Magnesium	3870		1	11.9	98.8	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7439-96-5	Manganese	108	*	1	0.14	0.99	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7439-97-6	Mercury	0.021		1	0.0080	0.014	mg/Kg	07/15/25 15:40	07/16/25 14:12	7471B	
7440-02-0	Nickel	16.4		1	0.13	1.98	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-09-7	Potassium	155		1	27.4	98.8	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7782-49-2	Selenium	2.86	N	1	0.26	0.99	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-22-4	Silver	0.20	JN	1	0.12	0.49	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-23-5	Sodium	682	N	1	17.6	98.8	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	1.98	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-62-2	Vanadium	24.8	N*	1	0.25	1.98	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050
7440-66-6	Zinc	15.5		1	0.11	1.98	mg/Kg	07/07/25 10:05	07/09/25 20:23	6010D	SW3050

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N = Spiked sample recovery not within control limits



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

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
ICV29	Mercury	4.07	4.0	102	90 - 110	CV	07/16/2025	11:56	LB136499

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

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
CCV09	Mercury	5.31	5.0	106	90 - 110	CV	07/16/2025	12:01	LB136499
CCV10	Mercury	5.27	5.0	105	90 - 110	CV	07/16/2025	12:38	LB136499
CCV11	Mercury	5.28	5.0	106	90 - 110	CV	07/16/2025	13:12	LB136499
CCV12	Mercury	5.09	5.0	102	90 - 110	CV	07/16/2025	13:40	LB136499
CCV13	Mercury	5.13	5.0	103	90 - 110	CV	07/16/2025	14:07	LB136499
CCV14	Mercury	5.04	5.0	101	90 - 110	CV	07/16/2025	14:25	LB136499

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith
Contract: CAMP02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2514
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7590	8000	95	90 - 110	P	07/09/2025	10:05	LB136407
	Antimony	3910	4000	98	90 - 110	P	07/09/2025	10:05	LB136407
	Arsenic	3660	4000	92	90 - 110	P	07/09/2025	10:05	LB136407
	Barium	7770	8000	97	90 - 110	P	07/09/2025	10:05	LB136407
	Beryllium	194	200	97	90 - 110	P	07/09/2025	10:05	LB136407
	Cadmium	1860	2000	93	90 - 110	P	07/09/2025	10:05	LB136407
	Calcium	19100	20000	95	90 - 110	P	07/09/2025	10:05	LB136407
	Chromium	784	800	98	90 - 110	P	07/09/2025	10:05	LB136407
	Cobalt	1910	2000	96	90 - 110	P	07/09/2025	10:05	LB136407
	Copper	1000	1000	100	90 - 110	P	07/09/2025	10:05	LB136407
	Iron	3730	4000	93	90 - 110	P	07/09/2025	10:05	LB136407
	Lead	3700	4000	92	90 - 110	P	07/09/2025	10:05	LB136407
	Magnesium	19100	20000	95	90 - 110	P	07/09/2025	10:05	LB136407
	Manganese	1920	2000	96	90 - 110	P	07/09/2025	10:05	LB136407
	Nickel	1890	2000	94	90 - 110	P	07/09/2025	10:05	LB136407
	Potassium	18500	20000	93	90 - 110	P	07/09/2025	10:05	LB136407
	Selenium	3760	4000	94	90 - 110	P	07/09/2025	10:05	LB136407
	Silver	1000	1000	100	90 - 110	P	07/09/2025	10:05	LB136407
	Sodium	19300	20000	96	90 - 110	P	07/09/2025	10:05	LB136407
	Thallium	3680	4000	92	90 - 110	P	07/09/2025	10:05	LB136407
	Vanadium	1940	2000	97	90 - 110	P	07/09/2025	10:05	LB136407
	Zinc	1950	2000	97	90 - 110	P	07/09/2025	10:05	LB136407

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	96.1	100	96	80 - 120	P	07/09/2025	10:17	LB136407
	Antimony	49.5	50.0	99	80 - 120	P	07/09/2025	10:17	LB136407
	Arsenic	20.8	20.0	104	80 - 120	P	07/09/2025	10:17	LB136407
	Barium	101	100	101	80 - 120	P	07/09/2025	10:17	LB136407
	Beryllium	6.07	6.0	101	80 - 120	P	07/09/2025	10:17	LB136407
	Cadmium	5.40	6.0	90	80 - 120	P	07/09/2025	10:17	LB136407
	Calcium	1940	2000	97	80 - 120	P	07/09/2025	10:17	LB136407
	Chromium	10.3	10.0	103	80 - 120	P	07/09/2025	10:17	LB136407
	Cobalt	28.4	30.0	95	80 - 120	P	07/09/2025	10:17	LB136407
	Copper	22.7	20.0	114	80 - 120	P	07/09/2025	10:17	LB136407
	Iron	117	100	117	80 - 120	P	07/09/2025	10:17	LB136407
	Lead	11.2	12.0	94	80 - 120	P	07/09/2025	10:17	LB136407
	Magnesium	2100	2000	105	80 - 120	P	07/09/2025	10:17	LB136407
	Manganese	23.0	20.0	115	80 - 120	P	07/09/2025	10:17	LB136407
	Nickel	37.8	40.0	95	80 - 120	P	07/09/2025	10:17	LB136407
	Potassium	1760	2000	88	80 - 120	P	07/09/2025	10:17	LB136407
	Selenium	21.3	20.0	107	80 - 120	P	07/09/2025	10:17	LB136407
	Silver	9.46	10.0	95	80 - 120	P	07/09/2025	10:17	LB136407
	Sodium	1770	2000	88	80 - 120	P	07/09/2025	10:17	LB136407
	Thallium	37.7	40.0	94	80 - 120	P	07/09/2025	10:17	LB136407
	Vanadium	37.7	40.0	94	80 - 120	P	07/09/2025	10:17	LB136407
	Zinc	42.1	40.0	105	80 - 120	P	07/09/2025	10:17	LB136407

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10300	10000	102	90 - 110	P	07/09/2025	10:48	LB136407
	Antimony	5070	5000	101	90 - 110	P	07/09/2025	10:48	LB136407
	Arsenic	4990	5000	100	90 - 110	P	07/09/2025	10:48	LB136407
	Barium	10700	10000	107	90 - 110	P	07/09/2025	10:48	LB136407
	Beryllium	259	250	104	90 - 110	P	07/09/2025	10:48	LB136407
	Cadmium	2520	2500	101	90 - 110	P	07/09/2025	10:48	LB136407
	Calcium	25400	25000	102	90 - 110	P	07/09/2025	10:48	LB136407
	Chromium	1030	1000	103	90 - 110	P	07/09/2025	10:48	LB136407
	Cobalt	2480	2500	99	90 - 110	P	07/09/2025	10:48	LB136407
	Copper	1290	1250	104	90 - 110	P	07/09/2025	10:48	LB136407
	Iron	5010	5000	100	90 - 110	P	07/09/2025	10:48	LB136407
	Lead	5040	5000	101	90 - 110	P	07/09/2025	10:48	LB136407
	Magnesium	24700	25000	99	90 - 110	P	07/09/2025	10:48	LB136407
	Manganese	2620	2500	105	90 - 110	P	07/09/2025	10:48	LB136407
	Nickel	2470	2500	99	90 - 110	P	07/09/2025	10:48	LB136407
	Potassium	25800	25000	103	90 - 110	P	07/09/2025	10:48	LB136407
	Selenium	5080	5000	102	90 - 110	P	07/09/2025	10:48	LB136407
	Silver	1260	1250	101	90 - 110	P	07/09/2025	10:48	LB136407
	Sodium	26500	25000	106	90 - 110	P	07/09/2025	10:48	LB136407
	Thallium	5100	5000	102	90 - 110	P	07/09/2025	10:48	LB136407
	Vanadium	2630	2500	105	90 - 110	P	07/09/2025	10:48	LB136407
	Zinc	2630	2500	105	90 - 110	P	07/09/2025	10:48	LB136407
CCV02	Aluminum	9890	10000	99	90 - 110	P	07/09/2025	11:47	LB136407
	Antimony	5010	5000	100	90 - 110	P	07/09/2025	11:47	LB136407
	Arsenic	4800	5000	96	90 - 110	P	07/09/2025	11:47	LB136407
	Barium	10700	10000	107	90 - 110	P	07/09/2025	11:47	LB136407
	Beryllium	254	250	102	90 - 110	P	07/09/2025	11:47	LB136407
	Cadmium	2430	2500	97	90 - 110	P	07/09/2025	11:47	LB136407
	Calcium	25200	25000	101	90 - 110	P	07/09/2025	11:47	LB136407
	Chromium	997	1000	100	90 - 110	P	07/09/2025	11:47	LB136407
	Cobalt	2400	2500	96	90 - 110	P	07/09/2025	11:47	LB136407
	Copper	1260	1250	101	90 - 110	P	07/09/2025	11:47	LB136407
	Iron	4860	5000	97	90 - 110	P	07/09/2025	11:47	LB136407
	Lead	4860	5000	97	90 - 110	P	07/09/2025	11:47	LB136407

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith
Contract: CAMP02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2514
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24200	25000	97	90 - 110	P	07/09/2025	11:47	LB136407
	Manganese	2580	2500	103	90 - 110	P	07/09/2025	11:47	LB136407
	Nickel	2400	2500	96	90 - 110	P	07/09/2025	11:47	LB136407
	Potassium	24100	25000	96	90 - 110	P	07/09/2025	11:47	LB136407
	Selenium	4960	5000	99	90 - 110	P	07/09/2025	11:47	LB136407
	Silver	1240	1250	99	90 - 110	P	07/09/2025	11:47	LB136407
	Sodium	24500	25000	98	90 - 110	P	07/09/2025	11:47	LB136407
	Thallium	4990	5000	100	90 - 110	P	07/09/2025	11:47	LB136407
	Vanadium	2600	2500	104	90 - 110	P	07/09/2025	11:47	LB136407
	Zinc	2590	2500	104	90 - 110	P	07/09/2025	11:47	LB136407
CCV03	Aluminum	10000	10000	100	90 - 110	P	07/09/2025	12:54	LB136407
	Antimony	5020	5000	100	90 - 110	P	07/09/2025	12:54	LB136407
	Arsenic	4830	5000	96	90 - 110	P	07/09/2025	12:54	LB136407
	Barium	10800	10000	108	90 - 110	P	07/09/2025	12:54	LB136407
	Beryllium	257	250	103	90 - 110	P	07/09/2025	12:54	LB136407
	Cadmium	2440	2500	98	90 - 110	P	07/09/2025	12:54	LB136407
	Calcium	25500	25000	102	90 - 110	P	07/09/2025	12:54	LB136407
	Chromium	1000	1000	100	90 - 110	P	07/09/2025	12:54	LB136407
	Cobalt	2410	2500	97	90 - 110	P	07/09/2025	12:54	LB136407
	Copper	1270	1250	102	90 - 110	P	07/09/2025	12:54	LB136407
	Iron	4930	5000	99	90 - 110	P	07/09/2025	12:54	LB136407
	Lead	4890	5000	98	90 - 110	P	07/09/2025	12:54	LB136407
	Magnesium	24500	25000	98	90 - 110	P	07/09/2025	12:54	LB136407
	Manganese	2590	2500	103	90 - 110	P	07/09/2025	12:54	LB136407
	Nickel	2410	2500	96	90 - 110	P	07/09/2025	12:54	LB136407
	Potassium	24700	25000	99	90 - 110	P	07/09/2025	12:54	LB136407
	Selenium	5010	5000	100	90 - 110	P	07/09/2025	12:54	LB136407
	Silver	1240	1250	99	90 - 110	P	07/09/2025	12:54	LB136407
	Sodium	25000	25000	100	90 - 110	P	07/09/2025	12:54	LB136407
	Thallium	5030	5000	101	90 - 110	P	07/09/2025	12:54	LB136407
CCV04	Vanadium	2590	2500	104	90 - 110	P	07/09/2025	12:54	LB136407
	Zinc	2600	2500	104	90 - 110	P	07/09/2025	12:54	LB136407
	Aluminum	10100	10000	101	90 - 110	P	07/09/2025	14:05	LB136407
	Antimony	5010	5000	100	90 - 110	P	07/09/2025	14:05	LB136407

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4860	5000	97	90 - 110	P	07/09/2025	14:05	LB136407
	Barium	10700	10000	107	90 - 110	P	07/09/2025	14:05	LB136407
	Beryllium	259	250	104	90 - 110	P	07/09/2025	14:05	LB136407
	Cadmium	2460	2500	98	90 - 110	P	07/09/2025	14:05	LB136407
	Calcium	25700	25000	103	90 - 110	P	07/09/2025	14:05	LB136407
	Chromium	1000	1000	100	90 - 110	P	07/09/2025	14:05	LB136407
	Cobalt	2410	2500	96	90 - 110	P	07/09/2025	14:05	LB136407
	Copper	1280	1250	102	90 - 110	P	07/09/2025	14:05	LB136407
	Iron	5000	5000	100	90 - 110	P	07/09/2025	14:05	LB136407
	Lead	4930	5000	99	90 - 110	P	07/09/2025	14:05	LB136407
	Magnesium	24500	25000	98	90 - 110	P	07/09/2025	14:05	LB136407
	Manganese	2590	2500	104	90 - 110	P	07/09/2025	14:05	LB136407
	Nickel	2420	2500	97	90 - 110	P	07/09/2025	14:05	LB136407
	Potassium	25300	25000	101	90 - 110	P	07/09/2025	14:05	LB136407
	Selenium	5050	5000	101	90 - 110	P	07/09/2025	14:05	LB136407
	Silver	1260	1250	101	90 - 110	P	07/09/2025	14:05	LB136407
	Sodium	25800	25000	103	90 - 110	P	07/09/2025	14:05	LB136407
	Thallium	5080	5000	102	90 - 110	P	07/09/2025	14:05	LB136407
	Vanadium	2580	2500	103	90 - 110	P	07/09/2025	14:05	LB136407
	Zinc	2580	2500	103	90 - 110	P	07/09/2025	14:05	LB136407
CCV05	Aluminum	10200	10000	102	90 - 110	P	07/09/2025	15:27	LB136407
	Antimony	5170	5000	103	90 - 110	P	07/09/2025	15:27	LB136407
	Arsenic	5070	5000	101	90 - 110	P	07/09/2025	15:27	LB136407
	Barium	10800	10000	108	90 - 110	P	07/09/2025	15:27	LB136407
	Beryllium	272	250	109	90 - 110	P	07/09/2025	15:27	LB136407
	Cadmium	2560	2500	103	90 - 110	P	07/09/2025	15:27	LB136407
	Calcium	26100	25000	104	90 - 110	P	07/09/2025	15:27	LB136407
	Chromium	1030	1000	103	90 - 110	P	07/09/2025	15:27	LB136407
	Cobalt	2500	2500	100	90 - 110	P	07/09/2025	15:27	LB136407
	Copper	1340	1250	107	90 - 110	P	07/09/2025	15:27	LB136407
	Iron	5360	5000	107	90 - 110	P	07/09/2025	15:27	LB136407
	Lead	5130	5000	103	90 - 110	P	07/09/2025	15:27	LB136407
	Magnesium	25100	25000	100	90 - 110	P	07/09/2025	15:27	LB136407
	Manganese	2600	2500	104	90 - 110	P	07/09/2025	15:27	LB136407

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

Contract: CAMP02

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2514

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2510	2500	100	90 - 110	P	07/09/2025	15:27	LB136407
	Potassium	26800	25000	107	90 - 110	P	07/09/2025	15:27	LB136407
	Selenium	5260	5000	105	90 - 110	P	07/09/2025	15:27	LB136407
	Silver	1280	1250	102	90 - 110	P	07/09/2025	15:27	LB136407
	Sodium	27100	25000	108	90 - 110	P	07/09/2025	15:27	LB136407
	Thallium	5270	5000	106	90 - 110	P	07/09/2025	15:27	LB136407
	Vanadium	2600	2500	104	90 - 110	P	07/09/2025	15:27	LB136407
	Zinc	2620	2500	105	90 - 110	P	07/09/2025	15:27	LB136407
CCV06	Aluminum	10100	10000	101	90 - 110	P	07/09/2025	16:39	LB136407
	Antimony	5040	5000	101	90 - 110	P	07/09/2025	16:39	LB136407
	Arsenic	4880	5000	98	90 - 110	P	07/09/2025	16:39	LB136407
	Barium	10600	10000	106	90 - 110	P	07/09/2025	16:39	LB136407
	Beryllium	260	250	104	90 - 110	P	07/09/2025	16:39	LB136407
	Cadmium	2470	2500	99	90 - 110	P	07/09/2025	16:39	LB136407
	Calcium	25600	25000	102	90 - 110	P	07/09/2025	16:39	LB136407
	Chromium	1000	1000	100	90 - 110	P	07/09/2025	16:39	LB136407
	Cobalt	2430	2500	97	90 - 110	P	07/09/2025	16:39	LB136407
	Copper	1280	1250	103	90 - 110	P	07/09/2025	16:39	LB136407
	Iron	5080	5000	102	90 - 110	P	07/09/2025	16:39	LB136407
	Lead	4940	5000	99	90 - 110	P	07/09/2025	16:39	LB136407
	Magnesium	24700	25000	99	90 - 110	P	07/09/2025	16:39	LB136407
	Manganese	2580	2500	103	90 - 110	P	07/09/2025	16:39	LB136407
	Nickel	2430	2500	97	90 - 110	P	07/09/2025	16:39	LB136407
	Potassium	25300	25000	101	90 - 110	P	07/09/2025	16:39	LB136407
	Selenium	5090	5000	102	90 - 110	P	07/09/2025	16:39	LB136407
	Silver	1250	1250	100	90 - 110	P	07/09/2025	16:39	LB136407
	Sodium	25300	25000	101	90 - 110	P	07/09/2025	16:39	LB136407
	Thallium	5110	5000	102	90 - 110	P	07/09/2025	16:39	LB136407
	Vanadium	2570	2500	103	90 - 110	P	07/09/2025	16:39	LB136407
	Zinc	2560	2500	102	90 - 110	P	07/09/2025	16:39	LB136407
CCV07	Aluminum	10000	10000	100	90 - 110	P	07/09/2025	17:50	LB136407
	Antimony	4980	5000	100	90 - 110	P	07/09/2025	17:50	LB136407
	Arsenic	4770	5000	95	90 - 110	P	07/09/2025	17:50	LB136407
	Barium	10500	10000	105	90 - 110	P	07/09/2025	17:50	LB136407

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	258	250	103	90 - 110	P	07/09/2025	17:50	LB136407
	Cadmium	2420	2500	97	90 - 110	P	07/09/2025	17:50	LB136407
	Calcium	25500	25000	102	90 - 110	P	07/09/2025	17:50	LB136407
	Chromium	982	1000	98	90 - 110	P	07/09/2025	17:50	LB136407
	Cobalt	2380	2500	95	90 - 110	P	07/09/2025	17:50	LB136407
	Copper	1270	1250	102	90 - 110	P	07/09/2025	17:50	LB136407
	Iron	5070	5000	101	90 - 110	P	07/09/2025	17:50	LB136407
	Lead	4830	5000	97	90 - 110	P	07/09/2025	17:50	LB136407
	Magnesium	24700	25000	99	90 - 110	P	07/09/2025	17:50	LB136407
	Manganese	2570	2500	103	90 - 110	P	07/09/2025	17:50	LB136407
	Nickel	2390	2500	96	90 - 110	P	07/09/2025	17:50	LB136407
	Potassium	23900	25000	96	90 - 110	P	07/09/2025	17:50	LB136407
	Selenium	5010	5000	100	90 - 110	P	07/09/2025	17:50	LB136407
	Silver	1240	1250	99	90 - 110	P	07/09/2025	17:50	LB136407
	Sodium	24000	25000	96	90 - 110	P	07/09/2025	17:50	LB136407
	Thallium	5040	5000	101	90 - 110	P	07/09/2025	17:50	LB136407
	Vanadium	2540	2500	102	90 - 110	P	07/09/2025	17:50	LB136407
	Zinc	2520	2500	101	90 - 110	P	07/09/2025	17:50	LB136407
CCV08	Aluminum	9890	10000	99	90 - 110	P	07/09/2025	18:54	LB136407
	Antimony	4930	5000	99	90 - 110	P	07/09/2025	18:54	LB136407
	Arsenic	4700	5000	94	90 - 110	P	07/09/2025	18:54	LB136407
	Barium	10400	10000	104	90 - 110	P	07/09/2025	18:54	LB136407
	Beryllium	255	250	102	90 - 110	P	07/09/2025	18:54	LB136407
	Cadmium	2400	2500	96	90 - 110	P	07/09/2025	18:54	LB136407
	Calcium	25100	25000	100	90 - 110	P	07/09/2025	18:54	LB136407
	Chromium	966	1000	97	90 - 110	P	07/09/2025	18:54	LB136407
	Cobalt	2340	2500	94	90 - 110	P	07/09/2025	18:54	LB136407
	Copper	1250	1250	100	90 - 110	P	07/09/2025	18:54	LB136407
	Iron	5020	5000	100	90 - 110	P	07/09/2025	18:54	LB136407
	Lead	4780	5000	96	90 - 110	P	07/09/2025	18:54	LB136407
	Magnesium	24300	25000	97	90 - 110	P	07/09/2025	18:54	LB136407
	Manganese	2520	2500	101	90 - 110	P	07/09/2025	18:54	LB136407
	Nickel	2370	2500	95	90 - 110	P	07/09/2025	18:54	LB136407
	Potassium	23500	25000	94	90 - 110	P	07/09/2025	18:54	LB136407

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4970	5000	99	90 - 110	P	07/09/2025	18:54	LB136407
	Silver	1220	1250	98	90 - 110	P	07/09/2025	18:54	LB136407
	Sodium	23600	25000	94	90 - 110	P	07/09/2025	18:54	LB136407
	Thallium	5010	5000	100	90 - 110	P	07/09/2025	18:54	LB136407
	Vanadium	2510	2500	101	90 - 110	P	07/09/2025	18:54	LB136407
	Zinc	2490	2500	100	90 - 110	P	07/09/2025	18:54	LB136407
CCV09	Aluminum	9970	10000	100	90 - 110	P	07/09/2025	19:48	LB136407
	Antimony	5030	5000	101	90 - 110	P	07/09/2025	19:48	LB136407
	Arsenic	4800	5000	96	90 - 110	P	07/09/2025	19:48	LB136407
	Barium	10400	10000	104	90 - 110	P	07/09/2025	19:48	LB136407
	Beryllium	255	250	102	90 - 110	P	07/09/2025	19:48	LB136407
	Cadmium	2450	2500	98	90 - 110	P	07/09/2025	19:48	LB136407
	Calcium	25400	25000	102	90 - 110	P	07/09/2025	19:48	LB136407
	Chromium	983	1000	98	90 - 110	P	07/09/2025	19:48	LB136407
	Cobalt	2390	2500	96	90 - 110	P	07/09/2025	19:48	LB136407
	Copper	1260	1250	101	90 - 110	P	07/09/2025	19:48	LB136407
	Iron	5050	5000	101	90 - 110	P	07/09/2025	19:48	LB136407
	Lead	4870	5000	97	90 - 110	P	07/09/2025	19:48	LB136407
	Magnesium	24400	25000	98	90 - 110	P	07/09/2025	19:48	LB136407
	Manganese	2550	2500	102	90 - 110	P	07/09/2025	19:48	LB136407
	Nickel	2410	2500	97	90 - 110	P	07/09/2025	19:48	LB136407
	Potassium	23800	25000	95	90 - 110	P	07/09/2025	19:48	LB136407
	Selenium	5080	5000	102	90 - 110	P	07/09/2025	19:48	LB136407
	Silver	1250	1250	100	90 - 110	P	07/09/2025	19:48	LB136407
	Sodium	23700	25000	95	90 - 110	P	07/09/2025	19:48	LB136407
	Thallium	5120	5000	102	90 - 110	P	07/09/2025	19:48	LB136407
	Vanadium	2540	2500	102	90 - 110	P	07/09/2025	19:48	LB136407
	Zinc	2540	2500	101	90 - 110	P	07/09/2025	19:48	LB136407
CCV10	Aluminum	10100	10000	101	90 - 110	P	07/09/2025	20:41	LB136407
	Antimony	5140	5000	103	90 - 110	P	07/09/2025	20:41	LB136407
	Arsenic	4910	5000	98	90 - 110	P	07/09/2025	20:41	LB136407
	Barium	10600	10000	106	90 - 110	P	07/09/2025	20:41	LB136407
	Beryllium	260	250	104	90 - 110	P	07/09/2025	20:41	LB136407
	Cadmium	2510	2500	100	90 - 110	P	07/09/2025	20:41	LB136407

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

Contract: CAMP02

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2514

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	25900	25000	103	90 - 110	P	07/09/2025	20:41	LB136407
	Chromium	1010	1000	101	90 - 110	P	07/09/2025	20:41	LB136407
	Cobalt	2440	2500	98	90 - 110	P	07/09/2025	20:41	LB136407
	Copper	1280	1250	102	90 - 110	P	07/09/2025	20:41	LB136407
	Iron	5110	5000	102	90 - 110	P	07/09/2025	20:41	LB136407
	Lead	4990	5000	100	90 - 110	P	07/09/2025	20:41	LB136407
	Magnesium	24800	25000	99	90 - 110	P	07/09/2025	20:41	LB136407
	Manganese	2610	2500	104	90 - 110	P	07/09/2025	20:41	LB136407
	Nickel	2470	2500	99	90 - 110	P	07/09/2025	20:41	LB136407
	Potassium	24600	25000	98	90 - 110	P	07/09/2025	20:41	LB136407
	Selenium	5200	5000	104	90 - 110	P	07/09/2025	20:41	LB136407
	Silver	1270	1250	102	90 - 110	P	07/09/2025	20:41	LB136407
	Sodium	24200	25000	97	90 - 110	P	07/09/2025	20:41	LB136407
	Thallium	5230	5000	105	90 - 110	P	07/09/2025	20:41	LB136407
	Vanadium	2590	2500	104	90 - 110	P	07/09/2025	20:41	LB136407
	Zinc	2610	2500	104	90 - 110	P	07/09/2025	20:41	LB136407
CCV11	Aluminum	10000	10000	100	90 - 110	P	07/09/2025	21:12	LB136407
	Antimony	4990	5000	100	90 - 110	P	07/09/2025	21:12	LB136407
	Arsenic	4740	5000	95	90 - 110	P	07/09/2025	21:12	LB136407
	Barium	10400	10000	104	90 - 110	P	07/09/2025	21:12	LB136407
	Beryllium	257	250	103	90 - 110	P	07/09/2025	21:12	LB136407
	Cadmium	2420	2500	97	90 - 110	P	07/09/2025	21:12	LB136407
	Calcium	25300	25000	101	90 - 110	P	07/09/2025	21:12	LB136407
	Chromium	975	1000	98	90 - 110	P	07/09/2025	21:12	LB136407
	Cobalt	2360	2500	95	90 - 110	P	07/09/2025	21:12	LB136407
	Copper	1260	1250	101	90 - 110	P	07/09/2025	21:12	LB136407
	Iron	5070	5000	101	90 - 110	P	07/09/2025	21:12	LB136407
	Lead	4820	5000	96	90 - 110	P	07/09/2025	21:12	LB136407
	Magnesium	24400	25000	98	90 - 110	P	07/09/2025	21:12	LB136407
	Manganese	2560	2500	102	90 - 110	P	07/09/2025	21:12	LB136407
	Nickel	2390	2500	96	90 - 110	P	07/09/2025	21:12	LB136407
	Potassium	23900	25000	96	90 - 110	P	07/09/2025	21:12	LB136407
	Selenium	5050	5000	101	90 - 110	P	07/09/2025	21:12	LB136407
	Silver	1240	1250	99	90 - 110	P	07/09/2025	21:12	LB136407

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV11	Sodium	23800	25000	95	90 - 110	P	07/09/2025	21:12	LB136407
	Thallium	5060	5000	101	90 - 110	P	07/09/2025	21:12	LB136407
	Vanadium	2550	2500	102	90 - 110	P	07/09/2025	21:12	LB136407
	Zinc	2540	2500	102	90 - 110	P	07/09/2025	21:12	LB136407

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7800	8000	98	90 - 110	P	07/10/2025	18:39	LB136434
	Antimony	4020	4000	100	90 - 110	P	07/10/2025	18:39	LB136434
	Arsenic	3950	4000	99	90 - 110	P	07/10/2025	18:39	LB136434
	Barium	7860	8000	98	90 - 110	P	07/10/2025	18:39	LB136434
	Beryllium	209	200	105	90 - 110	P	07/10/2025	18:39	LB136434
	Cadmium	2050	2000	103	90 - 110	P	07/10/2025	18:39	LB136434
	Calcium	19800	20000	99	90 - 110	P	07/10/2025	18:39	LB136434
	Chromium	800	800	100	90 - 110	P	07/10/2025	18:39	LB136434
	Cobalt	1910	2000	96	90 - 110	P	07/10/2025	18:39	LB136434
	Copper	1040	1000	104	90 - 110	P	07/10/2025	18:39	LB136434
	Iron	4100	4000	103	90 - 110	P	07/10/2025	18:39	LB136434
	Lead	4060	4000	101	90 - 110	P	07/10/2025	18:39	LB136434
	Magnesium	20300	20000	102	90 - 110	P	07/10/2025	18:39	LB136434
	Manganese	1980	2000	99	90 - 110	P	07/10/2025	18:39	LB136434
	Nickel	1990	2000	99	90 - 110	P	07/10/2025	18:39	LB136434
	Potassium	18600	20000	93	90 - 110	P	07/10/2025	18:39	LB136434
	Selenium	4190	4000	105	90 - 110	P	07/10/2025	18:39	LB136434
	Silver	911	1000	91	90 - 110	P	07/10/2025	18:39	LB136434
	Sodium	19200	20000	96	90 - 110	P	07/10/2025	18:39	LB136434
	Thallium	4110	4000	103	90 - 110	P	07/10/2025	18:39	LB136434
	Vanadium	2000	2000	100	90 - 110	P	07/10/2025	18:39	LB136434
	Zinc	1990	2000	100	90 - 110	P	07/10/2025	18:39	LB136434

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	97.2	100	97	80 - 120	P	07/10/2025	18:51	LB136434
	Antimony	54.4	50.0	109	80 - 120	P	07/10/2025	18:51	LB136434
	Arsenic	21.2	20.0	106	80 - 120	P	07/10/2025	18:51	LB136434
	Barium	98.6	100	99	80 - 120	P	07/10/2025	18:51	LB136434
	Beryllium	6.44	6.0	107	80 - 120	P	07/10/2025	18:51	LB136434
	Cadmium	5.61	6.0	93	80 - 120	P	07/10/2025	18:51	LB136434
	Calcium	2140	2000	107	80 - 120	P	07/10/2025	18:51	LB136434
	Chromium	10.5	10.0	105	80 - 120	P	07/10/2025	18:51	LB136434
	Cobalt	29.4	30.0	98	80 - 120	P	07/10/2025	18:51	LB136434
	Copper	21.6	20.0	108	80 - 120	P	07/10/2025	18:51	LB136434
	Iron	118	100	118	80 - 120	P	07/10/2025	18:51	LB136434
	Lead	13.2	12.0	110	80 - 120	P	07/10/2025	18:51	LB136434
	Magnesium	2260	2000	113	80 - 120	P	07/10/2025	18:51	LB136434
	Manganese	22.9	20.0	114	80 - 120	P	07/10/2025	18:51	LB136434
	Nickel	39.6	40.0	99	80 - 120	P	07/10/2025	18:51	LB136434
	Potassium	1810	2000	91	80 - 120	P	07/10/2025	18:51	LB136434
	Selenium	20.6	20.0	103	80 - 120	P	07/10/2025	18:51	LB136434
	Silver	10.9	10.0	110	80 - 120	P	07/10/2025	18:51	LB136434
	Sodium	1810	2000	90	80 - 120	P	07/10/2025	18:51	LB136434
	Thallium	40.2	40.0	100	80 - 120	P	07/10/2025	18:51	LB136434
	Vanadium	38.1	40.0	95	80 - 120	P	07/10/2025	18:51	LB136434
	Zinc	46.1	40.0	115	80 - 120	P	07/10/2025	18:51	LB136434

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9940	10000	99	90 - 110	P	07/10/2025	19:43	LB136434
	Antimony	5010	5000	100	90 - 110	P	07/10/2025	19:43	LB136434
	Arsenic	4910	5000	98	90 - 110	P	07/10/2025	19:43	LB136434
	Barium	10200	10000	102	90 - 110	P	07/10/2025	19:43	LB136434
	Beryllium	257	250	103	90 - 110	P	07/10/2025	19:43	LB136434
	Cadmium	2510	2500	100	90 - 110	P	07/10/2025	19:43	LB136434
	Calcium	25500	25000	102	90 - 110	P	07/10/2025	19:43	LB136434
	Chromium	1010	1000	101	90 - 110	P	07/10/2025	19:43	LB136434
	Cobalt	2470	2500	99	90 - 110	P	07/10/2025	19:43	LB136434
	Copper	1270	1250	102	90 - 110	P	07/10/2025	19:43	LB136434
	Iron	5140	5000	103	90 - 110	P	07/10/2025	19:43	LB136434
	Lead	4980	5000	100	90 - 110	P	07/10/2025	19:43	LB136434
	Magnesium	25400	25000	102	90 - 110	P	07/10/2025	19:43	LB136434
	Manganese	2550	2500	102	90 - 110	P	07/10/2025	19:43	LB136434
	Nickel	2490	2500	100	90 - 110	P	07/10/2025	19:43	LB136434
	Potassium	25600	25000	103	90 - 110	P	07/10/2025	19:43	LB136434
	Selenium	5060	5000	101	90 - 110	P	07/10/2025	19:43	LB136434
	Silver	1280	1250	103	90 - 110	P	07/10/2025	19:43	LB136434
	Sodium	25000	25000	100	90 - 110	P	07/10/2025	19:43	LB136434
	Thallium	5090	5000	102	90 - 110	P	07/10/2025	19:43	LB136434
	Vanadium	2540	2500	102	90 - 110	P	07/10/2025	19:43	LB136434
	Zinc	2500	2500	100	90 - 110	P	07/10/2025	19:43	LB136434
CCV02	Aluminum	9360	10000	94	90 - 110	P	07/10/2025	20:59	LB136434
	Antimony	4760	5000	95	90 - 110	P	07/10/2025	20:59	LB136434
	Arsenic	4640	5000	93	90 - 110	P	07/10/2025	20:59	LB136434
	Barium	9760	10000	98	90 - 110	P	07/10/2025	20:59	LB136434
	Beryllium	251	250	100	90 - 110	P	07/10/2025	20:59	LB136434
	Cadmium	2380	2500	95	90 - 110	P	07/10/2025	20:59	LB136434
	Calcium	24300	25000	97	90 - 110	P	07/10/2025	20:59	LB136434
	Chromium	962	1000	96	90 - 110	P	07/10/2025	20:59	LB136434
	Cobalt	2320	2500	93	90 - 110	P	07/10/2025	20:59	LB136434
	Copper	1230	1250	99	90 - 110	P	07/10/2025	20:59	LB136434
	Iron	5010	5000	100	90 - 110	P	07/10/2025	20:59	LB136434
	Lead	4710	5000	94	90 - 110	P	07/10/2025	20:59	LB136434

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24300	25000	97	90 - 110	P	07/10/2025	20:59	LB136434
	Manganese	2440	2500	98	90 - 110	P	07/10/2025	20:59	LB136434
	Nickel	2350	2500	94	90 - 110	P	07/10/2025	20:59	LB136434
	Potassium	25900	25000	104	90 - 110	P	07/10/2025	20:59	LB136434
	Selenium	4800	5000	96	90 - 110	P	07/10/2025	20:59	LB136434
	Silver	1220	1250	97	90 - 110	P	07/10/2025	20:59	LB136434
	Sodium	25000	25000	100	90 - 110	P	07/10/2025	20:59	LB136434
	Thallium	4840	5000	97	90 - 110	P	07/10/2025	20:59	LB136434
	Vanadium	2430	2500	97	90 - 110	P	07/10/2025	20:59	LB136434
	Zinc	2370	2500	95	90 - 110	P	07/10/2025	20:59	LB136434
CCV03	Aluminum	9640	10000	96	90 - 110	P	07/10/2025	22:32	LB136434
	Antimony	4880	5000	98	90 - 110	P	07/10/2025	22:32	LB136434
	Arsenic	4830	5000	96	90 - 110	P	07/10/2025	22:32	LB136434
	Barium	10000	10000	100	90 - 110	P	07/10/2025	22:32	LB136434
	Beryllium	255	250	102	90 - 110	P	07/10/2025	22:32	LB136434
	Cadmium	2480	2500	99	90 - 110	P	07/10/2025	22:32	LB136434
	Calcium	24900	25000	100	90 - 110	P	07/10/2025	22:32	LB136434
	Chromium	997	1000	100	90 - 110	P	07/10/2025	22:32	LB136434
	Cobalt	2410	2500	96	90 - 110	P	07/10/2025	22:32	LB136434
	Copper	1270	1250	102	90 - 110	P	07/10/2025	22:32	LB136434
	Iron	5140	5000	103	90 - 110	P	07/10/2025	22:32	LB136434
	Lead	4930	5000	99	90 - 110	P	07/10/2025	22:32	LB136434
	Magnesium	24800	25000	99	90 - 110	P	07/10/2025	22:32	LB136434
	Manganese	2510	2500	100	90 - 110	P	07/10/2025	22:32	LB136434
	Nickel	2440	2500	97	90 - 110	P	07/10/2025	22:32	LB136434
	Potassium	26900	25000	108	90 - 110	P	07/10/2025	22:32	LB136434
	Selenium	4940	5000	99	90 - 110	P	07/10/2025	22:32	LB136434
	Silver	1250	1250	100	90 - 110	P	07/10/2025	22:32	LB136434
	Sodium	26500	25000	106	90 - 110	P	07/10/2025	22:32	LB136434
	Thallium	4990	5000	100	90 - 110	P	07/10/2025	22:32	LB136434
	Vanadium	2490	2500	100	90 - 110	P	07/10/2025	22:32	LB136434
	Zinc	2450	2500	98	90 - 110	P	07/10/2025	22:32	LB136434
CCV04	Aluminum	9350	10000	94	90 - 110	P	07/10/2025	23:29	LB136434
	Antimony	4640	5000	93	90 - 110	P	07/10/2025	23:29	LB136434

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4600	5000	92	90 - 110	P	07/10/2025	23:29	LB136434
	Barium	9570	10000	96	90 - 110	P	07/10/2025	23:29	LB136434
	Beryllium	246	250	98	90 - 110	P	07/10/2025	23:29	LB136434
	Cadmium	2350	2500	94	90 - 110	P	07/10/2025	23:29	LB136434
	Calcium	23900	25000	96	90 - 110	P	07/10/2025	23:29	LB136434
	Chromium	957	1000	96	90 - 110	P	07/10/2025	23:29	LB136434
	Cobalt	2290	2500	92	90 - 110	P	07/10/2025	23:29	LB136434
	Copper	1220	1250	97	90 - 110	P	07/10/2025	23:29	LB136434
	Iron	4890	5000	98	90 - 110	P	07/10/2025	23:29	LB136434
	Lead	4690	5000	94	90 - 110	P	07/10/2025	23:29	LB136434
	Magnesium	23900	25000	96	90 - 110	P	07/10/2025	23:29	LB136434
	Manganese	2400	2500	96	90 - 110	P	07/10/2025	23:29	LB136434
	Nickel	2310	2500	92	90 - 110	P	07/10/2025	23:29	LB136434
	Potassium	25900	25000	104	90 - 110	P	07/10/2025	23:29	LB136434
	Selenium	4700	5000	94	90 - 110	P	07/10/2025	23:29	LB136434
	Silver	1200	1250	96	90 - 110	P	07/10/2025	23:29	LB136434
	Sodium	25600	25000	102	90 - 110	P	07/10/2025	23:29	LB136434
	Thallium	4730	5000	95	90 - 110	P	07/10/2025	23:29	LB136434
	Vanadium	2410	2500	96	90 - 110	P	07/10/2025	23:29	LB136434
	Zinc	2340	2500	94	90 - 110	P	07/10/2025	23:29	LB136434
CCV05	Aluminum	9510	10000	95	90 - 110	P	07/11/2025	00:47	LB136434
	Antimony	4770	5000	95	90 - 110	P	07/11/2025	00:47	LB136434
	Arsenic	4750	5000	95	90 - 110	P	07/11/2025	00:47	LB136434
	Barium	9800	10000	98	90 - 110	P	07/11/2025	00:47	LB136434
	Beryllium	250	250	100	90 - 110	P	07/11/2025	00:47	LB136434
	Cadmium	2410	2500	96	90 - 110	P	07/11/2025	00:47	LB136434
	Calcium	24200	25000	97	90 - 110	P	07/11/2025	00:47	LB136434
	Chromium	978	1000	98	90 - 110	P	07/11/2025	00:47	LB136434
	Cobalt	2370	2500	95	90 - 110	P	07/11/2025	00:47	LB136434
	Copper	1240	1250	100	90 - 110	P	07/11/2025	00:47	LB136434
	Iron	4950	5000	99	90 - 110	P	07/11/2025	00:47	LB136434
	Lead	4820	5000	96	90 - 110	P	07/11/2025	00:47	LB136434
	Magnesium	24100	25000	96	90 - 110	P	07/11/2025	00:47	LB136434
	Manganese	2460	2500	98	90 - 110	P	07/11/2025	00:47	LB136434

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2370	2500	95	90 - 110	P	07/11/2025	00:47	LB136434
	Potassium	27100	25000	108	90 - 110	P	07/11/2025	00:47	LB136434
	Selenium	4790	5000	96	90 - 110	P	07/11/2025	00:47	LB136434
	Silver	1220	1250	97	90 - 110	P	07/11/2025	00:47	LB136434
	Sodium	26600	25000	106	90 - 110	P	07/11/2025	00:47	LB136434
	Thallium	4840	5000	97	90 - 110	P	07/11/2025	00:47	LB136434
	Vanadium	2470	2500	99	90 - 110	P	07/11/2025	00:47	LB136434
	Zinc	2430	2500	97	90 - 110	P	07/11/2025	00:47	LB136434
CCV06	Aluminum	9520	10000	95	90 - 110	P	07/11/2025	01:47	LB136434
	Antimony	4790	5000	96	90 - 110	P	07/11/2025	01:47	LB136434
	Arsenic	4780	5000	96	90 - 110	P	07/11/2025	01:47	LB136434
	Barium	9810	10000	98	90 - 110	P	07/11/2025	01:47	LB136434
	Beryllium	248	250	99	90 - 110	P	07/11/2025	01:47	LB136434
	Cadmium	2410	2500	96	90 - 110	P	07/11/2025	01:47	LB136434
	Calcium	24100	25000	97	90 - 110	P	07/11/2025	01:47	LB136434
	Chromium	978	1000	98	90 - 110	P	07/11/2025	01:47	LB136434
	Cobalt	2370	2500	95	90 - 110	P	07/11/2025	01:47	LB136434
	Copper	1240	1250	99	90 - 110	P	07/11/2025	01:47	LB136434
	Iron	4890	5000	98	90 - 110	P	07/11/2025	01:47	LB136434
	Lead	4820	5000	96	90 - 110	P	07/11/2025	01:47	LB136434
	Magnesium	24200	25000	97	90 - 110	P	07/11/2025	01:47	LB136434
	Manganese	2440	2500	98	90 - 110	P	07/11/2025	01:47	LB136434
	Nickel	2370	2500	95	90 - 110	P	07/11/2025	01:47	LB136434
	Potassium	26200	25000	105	90 - 110	P	07/11/2025	01:47	LB136434
	Selenium	4810	5000	96	90 - 110	P	07/11/2025	01:47	LB136434
	Silver	1220	1250	97	90 - 110	P	07/11/2025	01:47	LB136434
	Sodium	26400	25000	106	90 - 110	P	07/11/2025	01:47	LB136434
	Thallium	4840	5000	97	90 - 110	P	07/11/2025	01:47	LB136434
	Vanadium	2470	2500	99	90 - 110	P	07/11/2025	01:47	LB136434
	Zinc	2440	2500	98	90 - 110	P	07/11/2025	01:47	LB136434
CCV07	Aluminum	9390	10000	94	90 - 110	P	07/11/2025	03:17	LB136434
	Antimony	4710	5000	94	90 - 110	P	07/11/2025	03:17	LB136434
	Arsenic	4640	5000	93	90 - 110	P	07/11/2025	03:17	LB136434
	Barium	9540	10000	95	90 - 110	P	07/11/2025	03:17	LB136434

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	236	250	95	90 - 110	P	07/11/2025	03:17	LB136434
	Cadmium	2330	2500	93	90 - 110	P	07/11/2025	03:17	LB136434
	Calcium	23700	25000	95	90 - 110	P	07/11/2025	03:17	LB136434
	Chromium	961	1000	96	90 - 110	P	07/11/2025	03:17	LB136434
	Cobalt	2330	2500	93	90 - 110	P	07/11/2025	03:17	LB136434
	Copper	1180	1250	94	90 - 110	P	07/11/2025	03:17	LB136434
	Iron	4630	5000	93	90 - 110	P	07/11/2025	03:17	LB136434
	Lead	4670	5000	93	90 - 110	P	07/11/2025	03:17	LB136434
	Magnesium	23600	25000	94	90 - 110	P	07/11/2025	03:17	LB136434
	Manganese	2400	2500	96	90 - 110	P	07/11/2025	03:17	LB136434
	Nickel	2320	2500	93	90 - 110	P	07/11/2025	03:17	LB136434
	Potassium	23800	25000	95	90 - 110	P	07/11/2025	03:17	LB136434
	Selenium	4670	5000	94	90 - 110	P	07/11/2025	03:17	LB136434
	Silver	1200	1250	96	90 - 110	P	07/11/2025	03:17	LB136434
	Sodium	24200	25000	97	90 - 110	P	07/11/2025	03:17	LB136434
	Thallium	4710	5000	94	90 - 110	P	07/11/2025	03:17	LB136434
	Vanadium	2420	2500	97	90 - 110	P	07/11/2025	03:17	LB136434
	Zinc	2380	2500	95	90 - 110	P	07/11/2025	03:17	LB136434
CCV08	Aluminum	9520	10000	95	90 - 110	P	07/11/2025	04:18	LB136434
	Antimony	4760	5000	95	90 - 110	P	07/11/2025	04:18	LB136434
	Arsenic	4790	5000	96	90 - 110	P	07/11/2025	04:18	LB136434
	Barium	9730	10000	97	90 - 110	P	07/11/2025	04:18	LB136434
	Beryllium	244	250	98	90 - 110	P	07/11/2025	04:18	LB136434
	Cadmium	2400	2500	96	90 - 110	P	07/11/2025	04:18	LB136434
	Calcium	23800	25000	95	90 - 110	P	07/11/2025	04:18	LB136434
	Chromium	987	1000	99	90 - 110	P	07/11/2025	04:18	LB136434
	Cobalt	2390	2500	96	90 - 110	P	07/11/2025	04:18	LB136434
	Copper	1220	1250	98	90 - 110	P	07/11/2025	04:18	LB136434
	Iron	4780	5000	96	90 - 110	P	07/11/2025	04:18	LB136434
	Lead	4820	5000	96	90 - 110	P	07/11/2025	04:18	LB136434
	Magnesium	23700	25000	95	90 - 110	P	07/11/2025	04:18	LB136434
	Manganese	2430	2500	97	90 - 110	P	07/11/2025	04:18	LB136434
	Nickel	2370	2500	95	90 - 110	P	07/11/2025	04:18	LB136434
	Potassium	26600	25000	106	90 - 110	P	07/11/2025	04:18	LB136434

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4720	5000	94	90 - 110	P	07/11/2025	04:18	LB136434
	Silver	1220	1250	98	90 - 110	P	07/11/2025	04:18	LB136434
	Sodium	26800	25000	107	90 - 110	P	07/11/2025	04:18	LB136434
	Thallium	4790	5000	96	90 - 110	P	07/11/2025	04:18	LB136434
	Vanadium	2470	2500	99	90 - 110	P	07/11/2025	04:18	LB136434
	Zinc	2440	2500	98	90 - 110	P	07/11/2025	04:18	LB136434
CCV09	Aluminum	9800	10000	98	90 - 110	P	07/11/2025	05:19	LB136434
	Antimony	4830	5000	96	90 - 110	P	07/11/2025	05:19	LB136434
	Arsenic	4770	5000	96	90 - 110	P	07/11/2025	05:19	LB136434
	Barium	9960	10000	100	90 - 110	P	07/11/2025	05:19	LB136434
	Beryllium	246	250	99	90 - 110	P	07/11/2025	05:19	LB136434
	Cadmium	2380	2500	95	90 - 110	P	07/11/2025	05:19	LB136434
	Calcium	24400	25000	97	90 - 110	P	07/11/2025	05:19	LB136434
	Chromium	1000	1000	100	90 - 110	P	07/11/2025	05:19	LB136434
	Cobalt	2400	2500	96	90 - 110	P	07/11/2025	05:19	LB136434
	Copper	1250	1250	100	90 - 110	P	07/11/2025	05:19	LB136434
	Iron	4810	5000	96	90 - 110	P	07/11/2025	05:19	LB136434
	Lead	4770	5000	96	90 - 110	P	07/11/2025	05:19	LB136434
	Magnesium	24200	25000	97	90 - 110	P	07/11/2025	05:19	LB136434
	Manganese	2490	2500	100	90 - 110	P	07/11/2025	05:19	LB136434
	Nickel	2370	2500	95	90 - 110	P	07/11/2025	05:19	LB136434
	Potassium	25600	25000	102	90 - 110	P	07/11/2025	05:19	LB136434
	Selenium	4720	5000	94	90 - 110	P	07/11/2025	05:19	LB136434
	Silver	1240	1250	99	90 - 110	P	07/11/2025	05:19	LB136434
	Sodium	26100	25000	104	90 - 110	P	07/11/2025	05:19	LB136434
	Thallium	4770	5000	96	90 - 110	P	07/11/2025	05:19	LB136434
	Vanadium	2540	2500	102	90 - 110	P	07/11/2025	05:19	LB136434
	Zinc	2500	2500	100	90 - 110	P	07/11/2025	05:19	LB136434
CCV10	Aluminum	9570	10000	96	90 - 110	P	07/11/2025	06:16	LB136434
	Antimony	4770	5000	95	90 - 110	P	07/11/2025	06:16	LB136434
	Arsenic	4790	5000	96	90 - 110	P	07/11/2025	06:16	LB136434
	Barium	9830	10000	98	90 - 110	P	07/11/2025	06:16	LB136434
	Beryllium	242	250	97	90 - 110	P	07/11/2025	06:16	LB136434
	Cadmium	2390	2500	96	90 - 110	P	07/11/2025	06:16	LB136434

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

Contract: CAMP02

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q2514

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	23700	25000	95	90 - 110	P	07/11/2025	06:16	LB136434
	Chromium	988	1000	99	90 - 110	P	07/11/2025	06:16	LB136434
	Cobalt	2390	2500	96	90 - 110	P	07/11/2025	06:16	LB136434
	Copper	1220	1250	98	90 - 110	P	07/11/2025	06:16	LB136434
	Iron	4700	5000	94	90 - 110	P	07/11/2025	06:16	LB136434
	Lead	4800	5000	96	90 - 110	P	07/11/2025	06:16	LB136434
	Magnesium	23600	25000	94	90 - 110	P	07/11/2025	06:16	LB136434
	Manganese	2440	2500	98	90 - 110	P	07/11/2025	06:16	LB136434
	Nickel	2360	2500	94	90 - 110	P	07/11/2025	06:16	LB136434
	Potassium	26000	25000	104	90 - 110	P	07/11/2025	06:16	LB136434
	Selenium	4710	5000	94	90 - 110	P	07/11/2025	06:16	LB136434
	Silver	1210	1250	97	90 - 110	P	07/11/2025	06:16	LB136434
	Sodium	26700	25000	107	90 - 110	P	07/11/2025	06:16	LB136434
	Thallium	4770	5000	95	90 - 110	P	07/11/2025	06:16	LB136434
	Vanadium	2490	2500	100	90 - 110	P	07/11/2025	06:16	LB136434
	Zinc	2470	2500	99	90 - 110	P	07/11/2025	06:16	LB136434
CCV11	Aluminum	9570	10000	96	90 - 110	P	07/11/2025	06:43	LB136434
	Antimony	4730	5000	95	90 - 110	P	07/11/2025	06:43	LB136434
	Arsenic	4750	5000	95	90 - 110	P	07/11/2025	06:43	LB136434
	Barium	9790	10000	98	90 - 110	P	07/11/2025	06:43	LB136434
	Beryllium	241	250	96	90 - 110	P	07/11/2025	06:43	LB136434
	Cadmium	2370	2500	95	90 - 110	P	07/11/2025	06:43	LB136434
	Calcium	23900	25000	95	90 - 110	P	07/11/2025	06:43	LB136434
	Chromium	982	1000	98	90 - 110	P	07/11/2025	06:43	LB136434
	Cobalt	2370	2500	95	90 - 110	P	07/11/2025	06:43	LB136434
	Copper	1210	1250	97	90 - 110	P	07/11/2025	06:43	LB136434
	Iron	4700	5000	94	90 - 110	P	07/11/2025	06:43	LB136434
	Lead	4770	5000	95	90 - 110	P	07/11/2025	06:43	LB136434
	Magnesium	23700	25000	95	90 - 110	P	07/11/2025	06:43	LB136434
	Manganese	2440	2500	98	90 - 110	P	07/11/2025	06:43	LB136434
	Nickel	2340	2500	94	90 - 110	P	07/11/2025	06:43	LB136434
	Potassium	25900	25000	103	90 - 110	P	07/11/2025	06:43	LB136434
	Selenium	4660	5000	93	90 - 110	P	07/11/2025	06:43	LB136434
	Silver	1210	1250	97	90 - 110	P	07/11/2025	06:43	LB136434

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV11	Sodium	26400	25000	106	90 - 110	P	07/11/2025	06:43	LB136434
	Thallium	4710	5000	94	90 - 110	P	07/11/2025	06:43	LB136434
	Vanadium	2460	2500	98	90 - 110	P	07/11/2025	06:43	LB136434
	Zinc	2440	2500	98	90 - 110	P	07/11/2025	06:43	LB136434

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7880	8000	98	90 - 110	P	07/17/2025	14:14	LB136534
	Antimony	4110	4000	103	90 - 110	P	07/17/2025	14:14	LB136534
	Arsenic	3840	4000	96	90 - 110	P	07/17/2025	14:14	LB136534
	Barium	8020	8000	100	90 - 110	P	07/17/2025	14:14	LB136534
	Beryllium	200	200	100	90 - 110	P	07/17/2025	14:14	LB136534
	Cadmium	1950	2000	97	90 - 110	P	07/17/2025	14:14	LB136534
	Calcium	19900	20000	99	90 - 110	P	07/17/2025	14:14	LB136534
	Chromium	791	800	99	90 - 110	P	07/17/2025	14:14	LB136534
	Cobalt	2000	2000	100	90 - 110	P	07/17/2025	14:14	LB136534
	Copper	1020	1000	102	90 - 110	P	07/17/2025	14:14	LB136534
	Iron	3850	4000	96	90 - 110	P	07/17/2025	14:14	LB136534
	Lead	3860	4000	96	90 - 110	P	07/17/2025	14:14	LB136534
	Magnesium	20100	20000	101	90 - 110	P	07/17/2025	14:14	LB136534
	Manganese	2000	2000	100	90 - 110	P	07/17/2025	14:14	LB136534
	Nickel	1990	2000	99	90 - 110	P	07/17/2025	14:14	LB136534
	Potassium	18100	20000	91	90 - 110	P	07/17/2025	14:14	LB136534
	Selenium	3940	4000	98	90 - 110	P	07/17/2025	14:14	LB136534
	Silver	936	1000	94	90 - 110	P	07/17/2025	14:14	LB136534
	Sodium	18700	20000	94	90 - 110	P	07/17/2025	14:14	LB136534
	Thallium	3850	4000	96	90 - 110	P	07/17/2025	14:14	LB136534
	Vanadium	2000	2000	100	90 - 110	P	07/17/2025	14:14	LB136534
	Zinc	2010	2000	100	90 - 110	P	07/17/2025	14:14	LB136534

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	119	100	119	80 - 120	P	07/17/2025	14:24	LB136534
	Antimony	52.4	50.0	105	80 - 120	P	07/17/2025	14:24	LB136534
	Arsenic	16.9	20.0	84	80 - 120	P	07/17/2025	14:24	LB136534
	Barium	102	100	102	80 - 120	P	07/17/2025	14:24	LB136534
	Beryllium	6.21	6.0	104	80 - 120	P	07/17/2025	14:24	LB136534
	Cadmium	5.65	6.0	94	80 - 120	P	07/17/2025	14:24	LB136534
	Calcium	2050	2000	103	80 - 120	P	07/17/2025	14:24	LB136534
	Chromium	10.2	10.0	102	80 - 120	P	07/17/2025	14:24	LB136534
	Cobalt	30.3	30.0	101	80 - 120	P	07/17/2025	14:24	LB136534
	Copper	21.3	20.0	107	80 - 120	P	07/17/2025	14:24	LB136534
	Iron	110	100	110	80 - 120	P	07/17/2025	14:24	LB136534
	Lead	10.9	12.0	91	80 - 120	P	07/17/2025	14:24	LB136534
	Magnesium	2220	2000	111	80 - 120	P	07/17/2025	14:24	LB136534
	Manganese	21.1	20.0	106	80 - 120	P	07/17/2025	14:24	LB136534
	Nickel	39.7	40.0	99	80 - 120	P	07/17/2025	14:24	LB136534
	Potassium	1740	2000	87	80 - 120	P	07/17/2025	14:24	LB136534
	Selenium	17.6	20.0	88	80 - 120	P	07/17/2025	14:24	LB136534
	Silver	10.5	10.0	105	80 - 120	P	07/17/2025	14:24	LB136534
	Sodium	1750	2000	87	80 - 120	P	07/17/2025	14:24	LB136534
	Thallium	41.1	40.0	103	80 - 120	P	07/17/2025	14:24	LB136534
	Vanadium	40.0	40.0	100	80 - 120	P	07/17/2025	14:24	LB136534
	Zinc	42.6	40.0	106	80 - 120	P	07/17/2025	14:24	LB136534

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9950	10000	100	90 - 110	P	07/17/2025	14:56	LB136534
	Antimony	5020	5000	100	90 - 110	P	07/17/2025	14:56	LB136534
	Arsenic	4950	5000	99	90 - 110	P	07/17/2025	14:56	LB136534
	Barium	10100	10000	101	90 - 110	P	07/17/2025	14:56	LB136534
	Beryllium	254	250	102	90 - 110	P	07/17/2025	14:56	LB136534
	Cadmium	2500	2500	100	90 - 110	P	07/17/2025	14:56	LB136534
	Calcium	25100	25000	101	90 - 110	P	07/17/2025	14:56	LB136534
	Chromium	1020	1000	102	90 - 110	P	07/17/2025	14:56	LB136534
	Cobalt	2500	2500	100	90 - 110	P	07/17/2025	14:56	LB136534
	Copper	1260	1250	101	90 - 110	P	07/17/2025	14:56	LB136534
	Iron	5020	5000	100	90 - 110	P	07/17/2025	14:56	LB136534
	Lead	4990	5000	100	90 - 110	P	07/17/2025	14:56	LB136534
	Magnesium	25100	25000	100	90 - 110	P	07/17/2025	14:56	LB136534
	Manganese	2510	2500	100	90 - 110	P	07/17/2025	14:56	LB136534
	Nickel	2500	2500	100	90 - 110	P	07/17/2025	14:56	LB136534
	Potassium	25400	25000	102	90 - 110	P	07/17/2025	14:56	LB136534
	Selenium	5010	5000	100	90 - 110	P	07/17/2025	14:56	LB136534
	Silver	1270	1250	102	90 - 110	P	07/17/2025	14:56	LB136534
	Sodium	25400	25000	102	90 - 110	P	07/17/2025	14:56	LB136534
	Thallium	5050	5000	101	90 - 110	P	07/17/2025	14:56	LB136534
	Vanadium	2510	2500	100	90 - 110	P	07/17/2025	14:56	LB136534
	Zinc	2520	2500	101	90 - 110	P	07/17/2025	14:56	LB136534
CCV02	Aluminum	9800	10000	98	90 - 110	P	07/17/2025	15:44	LB136534
	Antimony	4760	5000	95	90 - 110	P	07/17/2025	15:44	LB136534
	Arsenic	4730	5000	95	90 - 110	P	07/17/2025	15:44	LB136534
	Barium	9920	10000	99	90 - 110	P	07/17/2025	15:44	LB136534
	Beryllium	250	250	100	90 - 110	P	07/17/2025	15:44	LB136534
	Cadmium	2410	2500	96	90 - 110	P	07/17/2025	15:44	LB136534
	Calcium	24700	25000	99	90 - 110	P	07/17/2025	15:44	LB136534
	Chromium	986	1000	99	90 - 110	P	07/17/2025	15:44	LB136534
	Cobalt	2390	2500	96	90 - 110	P	07/17/2025	15:44	LB136534
	Copper	1240	1250	100	90 - 110	P	07/17/2025	15:44	LB136534
	Iron	4950	5000	99	90 - 110	P	07/17/2025	15:44	LB136534
	Lead	4810	5000	96	90 - 110	P	07/17/2025	15:44	LB136534

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24500	25000	98	90 - 110	P	07/17/2025	15:44	LB136534
	Manganese	2470	2500	99	90 - 110	P	07/17/2025	15:44	LB136534
	Nickel	2400	2500	96	90 - 110	P	07/17/2025	15:44	LB136534
	Potassium	24700	25000	99	90 - 110	P	07/17/2025	15:44	LB136534
	Selenium	4770	5000	95	90 - 110	P	07/17/2025	15:44	LB136534
	Silver	1230	1250	98	90 - 110	P	07/17/2025	15:44	LB136534
	Sodium	24900	25000	100	90 - 110	P	07/17/2025	15:44	LB136534
	Thallium	4820	5000	96	90 - 110	P	07/17/2025	15:44	LB136534
	Vanadium	2450	2500	98	90 - 110	P	07/17/2025	15:44	LB136534
	Zinc	2440	2500	98	90 - 110	P	07/17/2025	15:44	LB136534
CCV03	Aluminum	10100	10000	101	90 - 110	P	07/17/2025	17:18	LB136534
	Antimony	4980	5000	100	90 - 110	P	07/17/2025	17:18	LB136534
	Arsenic	4960	5000	99	90 - 110	P	07/17/2025	17:18	LB136534
	Barium	10100	10000	101	90 - 110	P	07/17/2025	17:18	LB136534
	Beryllium	258	250	103	90 - 110	P	07/17/2025	17:18	LB136534
	Cadmium	2520	2500	101	90 - 110	P	07/17/2025	17:18	LB136534
	Calcium	25300	25000	101	90 - 110	P	07/17/2025	17:18	LB136534
	Chromium	1020	1000	102	90 - 110	P	07/17/2025	17:18	LB136534
	Cobalt	2510	2500	100	90 - 110	P	07/17/2025	17:18	LB136534
	Copper	1280	1250	103	90 - 110	P	07/17/2025	17:18	LB136534
	Iron	5110	5000	102	90 - 110	P	07/17/2025	17:18	LB136534
	Lead	5040	5000	101	90 - 110	P	07/17/2025	17:18	LB136534
	Magnesium	25000	25000	100	90 - 110	P	07/17/2025	17:18	LB136534
	Manganese	2510	2500	100	90 - 110	P	07/17/2025	17:18	LB136534
	Nickel	2510	2500	100	90 - 110	P	07/17/2025	17:18	LB136534
	Potassium	25600	25000	102	90 - 110	P	07/17/2025	17:18	LB136534
	Selenium	4980	5000	100	90 - 110	P	07/17/2025	17:18	LB136534
	Silver	1270	1250	101	90 - 110	P	07/17/2025	17:18	LB136534
	Sodium	25800	25000	103	90 - 110	P	07/17/2025	17:18	LB136534
	Thallium	5050	5000	101	90 - 110	P	07/17/2025	17:18	LB136534
	Vanadium	2510	2500	100	90 - 110	P	07/17/2025	17:18	LB136534
	Zinc	2500	2500	100	90 - 110	P	07/17/2025	17:18	LB136534
CCV04	Aluminum	10000	10000	100	90 - 110	P	07/17/2025	18:45	LB136534
	Antimony	4990	5000	100	90 - 110	P	07/17/2025	18:45	LB136534

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4880	5000	98	90 - 110	P	07/17/2025	18:45	LB136534
	Barium	10200	10000	102	90 - 110	P	07/17/2025	18:45	LB136534
	Beryllium	246	250	98	90 - 110	P	07/17/2025	18:45	LB136534
	Cadmium	2470	2500	99	90 - 110	P	07/17/2025	18:45	LB136534
	Calcium	25000	25000	100	90 - 110	P	07/17/2025	18:45	LB136534
	Chromium	1010	1000	101	90 - 110	P	07/17/2025	18:45	LB136534
	Cobalt	2480	2500	99	90 - 110	P	07/17/2025	18:45	LB136534
	Copper	1240	1250	99	90 - 110	P	07/17/2025	18:45	LB136534
	Iron	4990	5000	100	90 - 110	P	07/17/2025	18:45	LB136534
	Lead	4940	5000	99	90 - 110	P	07/17/2025	18:45	LB136534
	Magnesium	24600	25000	98	90 - 110	P	07/17/2025	18:45	LB136534
	Manganese	2450	2500	98	90 - 110	P	07/17/2025	18:45	LB136534
	Nickel	2490	2500	100	90 - 110	P	07/17/2025	18:45	LB136534
	Potassium	23500	25000	94	90 - 110	P	07/17/2025	18:45	LB136534
	Selenium	4950	5000	99	90 - 110	P	07/17/2025	18:45	LB136534
	Silver	1240	1250	99	90 - 110	P	07/17/2025	18:45	LB136534
	Sodium	24000	25000	96	90 - 110	P	07/17/2025	18:45	LB136534
	Thallium	4990	5000	100	90 - 110	P	07/17/2025	18:45	LB136534
	Vanadium	2470	2500	99	90 - 110	P	07/17/2025	18:45	LB136534
	Zinc	2490	2500	100	90 - 110	P	07/17/2025	18:45	LB136534
CCV05	Aluminum	10100	10000	101	90 - 110	P	07/17/2025	20:11	LB136534
	Antimony	4990	5000	100	90 - 110	P	07/17/2025	20:11	LB136534
	Arsenic	5000	5000	100	90 - 110	P	07/17/2025	20:11	LB136534
	Barium	10300	10000	103	90 - 110	P	07/17/2025	20:11	LB136534
	Beryllium	247	250	99	90 - 110	P	07/17/2025	20:11	LB136534
	Cadmium	2550	2500	102	90 - 110	P	07/17/2025	20:11	LB136534
	Calcium	25200	25000	101	90 - 110	P	07/17/2025	20:11	LB136534
	Chromium	1010	1000	101	90 - 110	P	07/17/2025	20:11	LB136534
	Cobalt	2510	2500	100	90 - 110	P	07/17/2025	20:11	LB136534
	Copper	1240	1250	99	90 - 110	P	07/17/2025	20:11	LB136534
	Iron	5000	5000	100	90 - 110	P	07/17/2025	20:11	LB136534
	Lead	5070	5000	101	90 - 110	P	07/17/2025	20:11	LB136534
	Magnesium	24600	25000	99	90 - 110	P	07/17/2025	20:11	LB136534
	Manganese	2470	2500	99	90 - 110	P	07/17/2025	20:11	LB136534

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2520	2500	101	90 - 110	P	07/17/2025	20:11	LB136534
	Potassium	25100	25000	100	90 - 110	P	07/17/2025	20:11	LB136534
	Selenium	5040	5000	101	90 - 110	P	07/17/2025	20:11	LB136534
	Silver	1250	1250	100	90 - 110	P	07/17/2025	20:11	LB136534
	Sodium	25500	25000	102	90 - 110	P	07/17/2025	20:11	LB136534
	Thallium	5070	5000	101	90 - 110	P	07/17/2025	20:11	LB136534
	Vanadium	2490	2500	100	90 - 110	P	07/17/2025	20:11	LB136534
	Zinc	2500	2500	100	90 - 110	P	07/17/2025	20:11	LB136534
CCV06	Aluminum	10300	10000	103	90 - 110	P	07/17/2025	20:46	LB136534
	Antimony	4990	5000	100	90 - 110	P	07/17/2025	20:46	LB136534
	Arsenic	4910	5000	98	90 - 110	P	07/17/2025	20:46	LB136534
	Barium	10400	10000	104	90 - 110	P	07/17/2025	20:46	LB136534
	Beryllium	252	250	101	90 - 110	P	07/17/2025	20:46	LB136534
	Cadmium	2500	2500	100	90 - 110	P	07/17/2025	20:46	LB136534
	Calcium	25300	25000	101	90 - 110	P	07/17/2025	20:46	LB136534
	Chromium	1000	1000	100	90 - 110	P	07/17/2025	20:46	LB136534
	Cobalt	2480	2500	99	90 - 110	P	07/17/2025	20:46	LB136534
	Copper	1260	1250	101	90 - 110	P	07/17/2025	20:46	LB136534
	Iron	5150	5000	103	90 - 110	P	07/17/2025	20:46	LB136534
	Lead	4960	5000	99	90 - 110	P	07/17/2025	20:46	LB136534
	Magnesium	24900	25000	100	90 - 110	P	07/17/2025	20:46	LB136534
	Manganese	2490	2500	99	90 - 110	P	07/17/2025	20:46	LB136534
	Nickel	2490	2500	100	90 - 110	P	07/17/2025	20:46	LB136534
	Potassium	26800	25000	107	90 - 110	P	07/17/2025	20:46	LB136534
	Selenium	4960	5000	99	90 - 110	P	07/17/2025	20:46	LB136534
	Silver	1240	1250	99	90 - 110	P	07/17/2025	20:46	LB136534
	Sodium	25900	25000	104	90 - 110	P	07/17/2025	20:46	LB136534
	Thallium	5020	5000	100	90 - 110	P	07/17/2025	20:46	LB136534
	Vanadium	2530	2500	101	90 - 110	P	07/17/2025	20:46	LB136534
	Zinc	2510	2500	100	90 - 110	P	07/17/2025	20:46	LB136534

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: CDM Smith **SDG No.:** Q2514
Contract: CAMP02 **Lab Code:** ACE
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	114	100	114	65 - 135	P	07/09/2025	10:26	LB136407
	Antimony	53.6	50.0	107	65 - 135	P	07/09/2025	10:26	LB136407
	Arsenic	14.2	20.0	71	65 - 135	P	07/09/2025	10:26	LB136407
	Barium	104	100	104	65 - 135	P	07/09/2025	10:26	LB136407
	Beryllium	6.33	6.0	105	65 - 135	P	07/09/2025	10:26	LB136407
	Cadmium	5.51	6.0	92	65 - 135	P	07/09/2025	10:26	LB136407
	Calcium	1930	2000	96	65 - 135	P	07/09/2025	10:26	LB136407
	Chromium	10.7	10.0	107	65 - 135	P	07/09/2025	10:26	LB136407
	Cobalt	29.1	30.0	97	65 - 135	P	07/09/2025	10:26	LB136407
	Copper	24.1	20.0	120	65 - 135	P	07/09/2025	10:26	LB136407
	Iron	119	100	119	65 - 135	P	07/09/2025	10:26	LB136407
	Lead	11.5	12.0	96	65 - 135	P	07/09/2025	10:26	LB136407
	Magnesium	2060	2000	103	65 - 135	P	07/09/2025	10:26	LB136407
	Manganese	22.6	20.0	113	65 - 135	P	07/09/2025	10:26	LB136407
	Nickel	38.2	40.0	96	65 - 135	P	07/09/2025	10:26	LB136407
	Potassium	1710	2000	86	65 - 135	P	07/09/2025	10:26	LB136407
	Selenium	22.8	20.0	114	65 - 135	P	07/09/2025	10:26	LB136407
	Silver	11.6	10.0	116	65 - 135	P	07/09/2025	10:26	LB136407
	Sodium	1830	2000	92	65 - 135	P	07/09/2025	10:26	LB136407
	Thallium	38.4	40.0	96	65 - 135	P	07/09/2025	10:26	LB136407
	Vanadium	32.0	40.0	80	65 - 135	P	07/09/2025	10:26	LB136407
	Zinc	43.1	40.0	108	65 - 135	P	07/09/2025	10:26	LB136407
CRI01	Aluminum	85.6	100	86	65 - 135	P	07/10/2025	19:01	LB136434
	Antimony	51.2	50.0	102	65 - 135	P	07/10/2025	19:01	LB136434
	Arsenic	20.6	20.0	103	65 - 135	P	07/10/2025	19:01	LB136434
	Barium	96.3	100	96	65 - 135	P	07/10/2025	19:01	LB136434
	Beryllium	6.31	6.0	105	65 - 135	P	07/10/2025	19:01	LB136434
	Cadmium	5.33	6.0	89	65 - 135	P	07/10/2025	19:01	LB136434
	Calcium	2070	2000	104	65 - 135	P	07/10/2025	19:01	LB136434
	Chromium	10.5	10.0	105	65 - 135	P	07/10/2025	19:01	LB136434
	Cobalt	28.4	30.0	94	65 - 135	P	07/10/2025	19:01	LB136434
	Copper	20.6	20.0	103	65 - 135	P	07/10/2025	19:01	LB136434
	Iron	116	100	116	65 - 135	P	07/10/2025	19:01	LB136434
	Lead	12.4	12.0	103	65 - 135	P	07/10/2025	19:01	LB136434
	Magnesium	2140	2000	107	65 - 135	P	07/10/2025	19:01	LB136434
	Manganese	21.9	20.0	110	65 - 135	P	07/10/2025	19:01	LB136434

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Nickel	37.1	40.0	93	65 - 135	P	07/10/2025	19:01	LB136434
	Potassium	1770	2000	89	65 - 135	P	07/10/2025	19:01	LB136434
	Selenium	16.7	20.0	84	65 - 135	P	07/10/2025	19:01	LB136434
	Silver	10.5	10.0	105	65 - 135	P	07/10/2025	19:01	LB136434
	Sodium	1780	2000	89	65 - 135	P	07/10/2025	19:01	LB136434
	Thallium	37.7	40.0	94	65 - 135	P	07/10/2025	19:01	LB136434
	Vanadium	28.3	40.0	71	65 - 135	P	07/10/2025	19:01	LB136434
	Zinc	44.6	40.0	112	65 - 135	P	07/10/2025	19:01	LB136434
CRA	Mercury	0.22	0.2	109	70 - 130	CV	07/16/2025	12:06	LB136499
CRI01	Aluminum	101	100	101	65 - 135	P	07/17/2025	14:39	LB136534
	Antimony	54.0	50.0	108	65 - 135	P	07/17/2025	14:39	LB136534
	Arsenic	15.4	20.0	77	65 - 135	P	07/17/2025	14:39	LB136534
	Barium	101	100	102	65 - 135	P	07/17/2025	14:39	LB136534
	Beryllium	6.31	6.0	105	65 - 135	P	07/17/2025	14:39	LB136534
	Cadmium	5.72	6.0	95	65 - 135	P	07/17/2025	14:39	LB136534
	Calcium	2060	2000	103	65 - 135	P	07/17/2025	14:39	LB136534
	Chromium	10.2	10.0	102	65 - 135	P	07/17/2025	14:39	LB136534
	Cobalt	30.4	30.0	101	65 - 135	P	07/17/2025	14:39	LB136534
	Copper	22.2	20.0	111	65 - 135	P	07/17/2025	14:39	LB136534
	Iron	110	100	110	65 - 135	P	07/17/2025	14:39	LB136534
	Lead	11.9	12.0	99	65 - 135	P	07/17/2025	14:39	LB136534
	Magnesium	2300	2000	115	65 - 135	P	07/17/2025	14:39	LB136534
	Manganese	21.5	20.0	108	65 - 135	P	07/17/2025	14:39	LB136534
	Nickel	39.6	40.0	99	65 - 135	P	07/17/2025	14:39	LB136534
	Potassium	1760	2000	88	65 - 135	P	07/17/2025	14:39	LB136534
	Selenium	19.6	20.0	98	65 - 135	P	07/17/2025	14:39	LB136534
	Silver	9.57	10.0	96	65 - 135	P	07/17/2025	14:39	LB136534
	Sodium	1770	2000	88	65 - 135	P	07/17/2025	14:39	LB136534
	Thallium	40.3	40.0	101	65 - 135	P	07/17/2025	14:39	LB136534
	Vanadium	38.6	40.0	96	65 - 135	P	07/17/2025	14:39	LB136534
	Zinc	43.0	40.0	108	65 - 135	P	07/17/2025	14:39	LB136534



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:

CDM Smith

SDG No.:

Q2514

Contract:

CAMP02

Lab Code:

ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB29	Mercury	0.076	+/-0.2	U	0.20	CV	07/16/2025	11:59	LB136499

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Mercury	0.076	+/-0.2	U	0.20	CV	07/16/2025	12:03	LB136499
CCB10	Mercury	0.076	+/-0.2	U	0.20	CV	07/16/2025	12:43	LB136499
CCB11	Mercury	0.076	+/-0.2	U	0.20	CV	07/16/2025	13:14	LB136499
CCB12	Mercury	0.076	+/-0.2	U	0.20	CV	07/16/2025	13:42	LB136499
CCB13	Mercury	0.076	+/-0.2	U	0.20	CV	07/16/2025	14:10	LB136499
CCB14	Mercury	0.076	+/-0.2	U	0.20	CV	07/16/2025	14:28	LB136499

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	31.1	+/-50	J	100	P	07/09/2025	10:22	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	10:22	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	10:22	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	10:22	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	10:22	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	10:22	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	10:22	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	10:22	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	10:22	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	10:22	LB136407
	Iron	25.4	+/-50	J	100	P	07/09/2025	10:22	LB136407
	Lead	2.30	+/-6	U	12.0	P	07/09/2025	10:22	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	10:22	LB136407
	Manganese	7.46	+/-10	J	20.0	P	07/09/2025	10:22	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	10:22	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	10:22	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	10:22	LB136407
	Silver	1.62	+/-5	U	10.0	P	07/09/2025	10:22	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	10:22	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	10:22	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	10:22	LB136407
	Zinc	4.21	+/-20	J	40.0	P	07/09/2025	10:22	LB136407

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q2514
Contract: CAMP02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	07/09/2025	10:57	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	10:57	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	10:57	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	10:57	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	10:57	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	10:57	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	10:57	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	10:57	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	10:57	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	10:57	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	10:57	LB136407
	Lead	2.30	+/-6	U	12.0	P	07/09/2025	10:57	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	10:57	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	10:57	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	10:57	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	10:57	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	10:57	LB136407
	Silver	1.62	+/-5	U	10.0	P	07/09/2025	10:57	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	10:57	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	10:57	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	10:57	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	10:57	LB136407
CCB02	Aluminum	27.5	+/-50	J	100	P	07/09/2025	11:56	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	11:56	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	11:56	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	11:56	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	11:56	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	11:56	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	11:56	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	11:56	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	11:56	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	11:56	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	11:56	LB136407
	Lead	2.30	+/-6	U	12.0	P	07/09/2025	11:56	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	11:56	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	11:56	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	11:56	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	11:56	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	11:56	LB136407

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith SDG No.: Q2514
Contract: CAMP02 Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	07/09/2025	11:56	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	11:56	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	11:56	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	11:56	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	11:56	LB136407
CCB03	Aluminum	65.9	+/-50	J*	100	P	07/09/2025	12:58	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	12:58	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	12:58	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	12:58	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	12:58	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	12:58	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	12:58	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	12:58	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	12:58	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	12:58	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	12:58	LB136407
	Lead	2.30	+/-6	U	12.0	P	07/09/2025	12:58	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	12:58	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	12:58	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	12:58	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	12:58	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	12:58	LB136407
	Silver	1.62	+/-5	U	10.0	P	07/09/2025	12:58	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	12:58	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	12:58	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	12:58	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	12:58	LB136407
CCB04	Aluminum	47.3	+/-50	J	100	P	07/09/2025	14:28	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	14:28	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	14:28	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	14:28	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	14:28	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	14:28	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	14:28	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	14:28	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	14:28	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	14:28	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	14:28	LB136407
	Lead	2.30	+/-6	U	12.0	P	07/09/2025	14:28	LB136407

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	07/09/2025	14:28	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	14:28	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	14:28	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	14:28	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	14:28	LB136407
	Silver	7.86	+/-5	J*	10.0	P	07/09/2025	14:28	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	14:28	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	14:28	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	14:28	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	14:28	LB136407
CCB05	Aluminum	26.6	+/-50	J	100	P	07/09/2025	15:33	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	15:33	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	15:33	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	15:33	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	15:33	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	15:33	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	15:33	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	15:33	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	15:33	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	15:33	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	15:33	LB136407
	Lead	2.30	+/-6	U	12.0	P	07/09/2025	15:33	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	15:33	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	15:33	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	15:33	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	15:33	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	15:33	LB136407
	Silver	6.92	+/-5	J*	10.0	P	07/09/2025	15:33	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	15:33	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	15:33	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	15:33	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	15:33	LB136407
CCB06	Aluminum	18.8	+/-50	J	100	P	07/09/2025	16:43	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	16:43	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	16:43	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	16:43	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	16:43	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	16:43	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	16:43	LB136407

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	16:43	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	16:43	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	16:43	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	16:43	LB136407
	Lead	2.30	+/-6	U	12.0	P	07/09/2025	16:43	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	16:43	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	16:43	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	16:43	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	16:43	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	16:43	LB136407
	Silver	3.51	+/-5	J	10.0	P	07/09/2025	16:43	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	16:43	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	16:43	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	16:43	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	16:43	LB136407
CCB07	Aluminum	11.3	+/-50	U	100	P	07/09/2025	17:54	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	17:54	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	17:54	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	17:54	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	17:54	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	17:54	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	17:54	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	17:54	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	17:54	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	17:54	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	17:54	LB136407
	Lead	2.30	+/-6	U	12.0	P	07/09/2025	17:54	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	17:54	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	17:54	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	17:54	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	17:54	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	17:54	LB136407
	Silver	2.23	+/-5	J	10.0	P	07/09/2025	17:54	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	17:54	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	17:54	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	17:54	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	17:54	LB136407
CCB08	Aluminum	44.5	+/-50	J	100	P	07/09/2025	18:58	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	18:58	LB136407

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	18:58	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	18:58	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	18:58	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	18:58	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	18:58	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	18:58	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	18:58	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	18:58	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	18:58	LB136407
	Lead	3.36	+/-6	J	12.0	P	07/09/2025	18:58	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	18:58	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	18:58	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	18:58	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	18:58	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	18:58	LB136407
	Silver	2.96	+/-5	J	10.0	P	07/09/2025	18:58	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	18:58	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	18:58	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	18:58	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	18:58	LB136407
CCB09	Aluminum	11.3	+/-50	U	100	P	07/09/2025	19:52	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	19:52	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	19:52	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	19:52	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	19:52	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	19:52	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	19:52	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	19:52	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	19:52	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	19:52	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	19:52	LB136407
	Lead	2.75	+/-6	J	12.0	P	07/09/2025	19:52	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	19:52	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	19:52	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	19:52	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	19:52	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	19:52	LB136407
	Silver	2.59	+/-5	J	10.0	P	07/09/2025	19:52	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	19:52	LB136407

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q2514
Contract: CAMP02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	19:52	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	19:52	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	19:52	LB136407
CCB10	Aluminum	11.3	+/-50	U	100	P	07/09/2025	20:45	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	20:45	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	20:45	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	20:45	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	20:45	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	20:45	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	20:45	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	20:45	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	20:45	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	20:45	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	20:45	LB136407
	Lead	2.30	+/-6	U	12.0	P	07/09/2025	20:45	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	20:45	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	20:45	LB136407
	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	20:45	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	20:45	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	20:45	LB136407
	Silver	1.92	+/-5	J	10.0	P	07/09/2025	20:45	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	20:45	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	20:45	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	20:45	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	20:45	LB136407
	Aluminum	23.1	+/-50	J	100	P	07/09/2025	21:16	LB136407
	Antimony	6.76	+/-25	U	50.0	P	07/09/2025	21:16	LB136407
	Arsenic	5.12	+/-10	U	20.0	P	07/09/2025	21:16	LB136407
	Barium	14.6	+/-50	U	100	P	07/09/2025	21:16	LB136407
	Beryllium	0.56	+/-3	U	6.00	P	07/09/2025	21:16	LB136407
	Cadmium	0.50	+/-3	U	6.00	P	07/09/2025	21:16	LB136407
	Calcium	234	+/-1000	U	2000	P	07/09/2025	21:16	LB136407
	Chromium	2.12	+/-5	U	10.0	P	07/09/2025	21:16	LB136407
	Cobalt	2.26	+/-15	U	30.0	P	07/09/2025	21:16	LB136407
	Copper	4.60	+/-10	U	20.0	P	07/09/2025	21:16	LB136407
	Iron	23.4	+/-50	U	100	P	07/09/2025	21:16	LB136407
	Lead	4.79	+/-6	J	12.0	P	07/09/2025	21:16	LB136407
	Magnesium	244	+/-1000	U	2000	P	07/09/2025	21:16	LB136407
	Manganese	5.94	+/-10	U	20.0	P	07/09/2025	21:16	LB136407

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	40.0	P	07/09/2025	21:16	LB136407
	Potassium	918	+/-1000	U	2000	P	07/09/2025	21:16	LB136407
	Selenium	9.64	+/-10	U	20.0	P	07/09/2025	21:16	LB136407
	Silver	1.62	+/-5	U	10.0	P	07/09/2025	21:16	LB136407
	Sodium	868	+/-1000	U	2000	P	07/09/2025	21:16	LB136407
	Thallium	4.38	+/-20	U	40.0	P	07/09/2025	21:16	LB136407
	Vanadium	6.26	+/-20	U	40.0	P	07/09/2025	21:16	LB136407
	Zinc	3.50	+/-20	U	40.0	P	07/09/2025	21:16	LB136407

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	07/10/2025	18:55	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/10/2025	18:55	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/10/2025	18:55	LB136434
	Barium	14.6	+/-50	U	100	P	07/10/2025	18:55	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/10/2025	18:55	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/10/2025	18:55	LB136434
	Calcium	234	+/-1000	U	2000	P	07/10/2025	18:55	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/10/2025	18:55	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/10/2025	18:55	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/10/2025	18:55	LB136434
	Iron	23.4	+/-50	U	100	P	07/10/2025	18:55	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/10/2025	18:55	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/10/2025	18:55	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/10/2025	18:55	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/10/2025	18:55	LB136434
	Potassium	918	+/-1000	U	2000	P	07/10/2025	18:55	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/10/2025	18:55	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/10/2025	18:55	LB136434
	Sodium	868	+/-1000	U	2000	P	07/10/2025	18:55	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/10/2025	18:55	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/10/2025	18:55	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/10/2025	18:55	LB136434

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q2514
Contract: CAMP02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	07/10/2025	19:54	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/10/2025	19:54	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/10/2025	19:54	LB136434
	Barium	14.6	+/-50	U	100	P	07/10/2025	19:54	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/10/2025	19:54	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/10/2025	19:54	LB136434
	Calcium	234	+/-1000	U	2000	P	07/10/2025	19:54	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/10/2025	19:54	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/10/2025	19:54	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/10/2025	19:54	LB136434
	Iron	23.4	+/-50	U	100	P	07/10/2025	19:54	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/10/2025	19:54	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/10/2025	19:54	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/10/2025	19:54	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/10/2025	19:54	LB136434
	Potassium	918	+/-1000	U	2000	P	07/10/2025	19:54	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/10/2025	19:54	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/10/2025	19:54	LB136434
	Sodium	868	+/-1000	U	2000	P	07/10/2025	19:54	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/10/2025	19:54	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/10/2025	19:54	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/10/2025	19:54	LB136434
CCB02	Aluminum	11.3	+/-50	U	100	P	07/10/2025	21:04	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/10/2025	21:04	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/10/2025	21:04	LB136434
	Barium	14.6	+/-50	U	100	P	07/10/2025	21:04	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/10/2025	21:04	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/10/2025	21:04	LB136434
	Calcium	234	+/-1000	U	2000	P	07/10/2025	21:04	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/10/2025	21:04	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/10/2025	21:04	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/10/2025	21:04	LB136434
	Iron	23.4	+/-50	U	100	P	07/10/2025	21:04	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/10/2025	21:04	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/10/2025	21:04	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/10/2025	21:04	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/10/2025	21:04	LB136434
	Potassium	918	+/-1000	U	2000	P	07/10/2025	21:04	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/10/2025	21:04	LB136434

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	07/10/2025	21:04	LB136434
	Sodium	868	+/-1000	U	2000	P	07/10/2025	21:04	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/10/2025	21:04	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/10/2025	21:04	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/10/2025	21:04	LB136434
CCB03	Aluminum	11.3	+/-50	U	100	P	07/10/2025	22:36	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/10/2025	22:36	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/10/2025	22:36	LB136434
	Barium	14.6	+/-50	U	100	P	07/10/2025	22:36	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/10/2025	22:36	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/10/2025	22:36	LB136434
	Calcium	234	+/-1000	U	2000	P	07/10/2025	22:36	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/10/2025	22:36	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/10/2025	22:36	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/10/2025	22:36	LB136434
	Iron	23.4	+/-50	U	100	P	07/10/2025	22:36	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/10/2025	22:36	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/10/2025	22:36	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/10/2025	22:36	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/10/2025	22:36	LB136434
	Potassium	918	+/-1000	U	2000	P	07/10/2025	22:36	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/10/2025	22:36	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/10/2025	22:36	LB136434
	Sodium	868	+/-1000	U	2000	P	07/10/2025	22:36	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/10/2025	22:36	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/10/2025	22:36	LB136434
	Zinc	3.50	+/-20	J	40.0	P	07/10/2025	22:36	LB136434
CCB04	Aluminum	11.3	+/-50	U	100	P	07/10/2025	23:53	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/10/2025	23:53	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/10/2025	23:53	LB136434
	Barium	14.6	+/-50	U	100	P	07/10/2025	23:53	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/10/2025	23:53	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/10/2025	23:53	LB136434
	Calcium	234	+/-1000	U	2000	P	07/10/2025	23:53	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/10/2025	23:53	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/10/2025	23:53	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/10/2025	23:53	LB136434
	Iron	23.4	+/-50	U	100	P	07/10/2025	23:53	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/10/2025	23:53	LB136434

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith SDG No.: Q2514
Contract: CAMP02 Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	07/10/2025	23:53	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/10/2025	23:53	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/10/2025	23:53	LB136434
	Potassium	918	+/-1000	U	2000	P	07/10/2025	23:53	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/10/2025	23:53	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/10/2025	23:53	LB136434
	Sodium	868	+/-1000	U	2000	P	07/10/2025	23:53	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/10/2025	23:53	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/10/2025	23:53	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/10/2025	23:53	LB136434
CCB05	Aluminum	11.3	+/-50	U	100	P	07/11/2025	00:51	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/11/2025	00:51	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	00:51	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	00:51	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/11/2025	00:51	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	00:51	LB136434
	Calcium	234	+/-1000	U	2000	P	07/11/2025	00:51	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	00:51	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/11/2025	00:51	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/11/2025	00:51	LB136434
	Iron	23.4	+/-50	U	100	P	07/11/2025	00:51	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	00:51	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/11/2025	00:51	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/11/2025	00:51	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/11/2025	00:51	LB136434
	Potassium	918	+/-1000	U	2000	P	07/11/2025	00:51	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	00:51	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/11/2025	00:51	LB136434
	Sodium	868	+/-1000	U	2000	P	07/11/2025	00:51	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/11/2025	00:51	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/11/2025	00:51	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/11/2025	00:51	LB136434
CCB06	Aluminum	11.3	+/-50	U	100	P	07/11/2025	02:23	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/11/2025	02:23	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	02:23	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	02:23	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/11/2025	02:23	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	02:23	LB136434
	Calcium	234	+/-1000	U	2000	P	07/11/2025	02:23	LB136434

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	02:23	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/11/2025	02:23	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/11/2025	02:23	LB136434
	Iron	23.4	+/-50	U	100	P	07/11/2025	02:23	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	02:23	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/11/2025	02:23	LB136434
	Manganese	8.75	+/-10	J	20.0	P	07/11/2025	02:23	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/11/2025	02:23	LB136434
	Potassium	918	+/-1000	U	2000	P	07/11/2025	02:23	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	02:23	LB136434
	Silver	4.87	+/-5	J	10.0	P	07/11/2025	02:23	LB136434
	Sodium	868	+/-1000	U	2000	P	07/11/2025	02:23	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/11/2025	02:23	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/11/2025	02:23	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/11/2025	02:23	LB136434
CCB07	Aluminum	11.3	+/-50	U	100	P	07/11/2025	03:26	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/11/2025	03:26	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	03:26	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	03:26	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/11/2025	03:26	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	03:26	LB136434
	Calcium	234	+/-1000	U	2000	P	07/11/2025	03:26	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	03:26	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/11/2025	03:26	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/11/2025	03:26	LB136434
	Iron	23.4	+/-50	U	100	P	07/11/2025	03:26	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	03:26	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/11/2025	03:26	LB136434
	Manganese	9.63	+/-10	J	20.0	P	07/11/2025	03:26	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/11/2025	03:26	LB136434
	Potassium	918	+/-1000	U	2000	P	07/11/2025	03:26	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	03:26	LB136434
	Silver	4.57	+/-5	J	10.0	P	07/11/2025	03:26	LB136434
	Sodium	868	+/-1000	U	2000	P	07/11/2025	03:26	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/11/2025	03:26	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/11/2025	03:26	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/11/2025	03:26	LB136434
CCB08	Aluminum	11.3	+/-50	U	100	P	07/11/2025	04:27	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/11/2025	04:27	LB136434

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q2514
Contract: CAMP02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	04:27	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	04:27	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/11/2025	04:27	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	04:27	LB136434
	Calcium	234	+/-1000	U	2000	P	07/11/2025	04:27	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	04:27	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/11/2025	04:27	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/11/2025	04:27	LB136434
	Iron	23.4	+/-50	U	100	P	07/11/2025	04:27	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	04:27	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/11/2025	04:27	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/11/2025	04:27	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/11/2025	04:27	LB136434
	Potassium	918	+/-1000	U	2000	P	07/11/2025	04:27	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	04:27	LB136434
	Silver	6.06	+/-5	J*	10.0	P	07/11/2025	04:27	LB136434
	Sodium	868	+/-1000	U	2000	P	07/11/2025	04:27	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/11/2025	04:27	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/11/2025	04:27	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/11/2025	04:27	LB136434
CCB09	Aluminum	11.3	+/-50	U	100	P	07/11/2025	05:24	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/11/2025	05:24	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	05:24	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	05:24	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/11/2025	05:24	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	05:24	LB136434
	Calcium	234	+/-1000	U	2000	P	07/11/2025	05:24	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	05:24	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/11/2025	05:24	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/11/2025	05:24	LB136434
	Iron	23.4	+/-50	U	100	P	07/11/2025	05:24	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	05:24	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/11/2025	05:24	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/11/2025	05:24	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/11/2025	05:24	LB136434
	Potassium	918	+/-1000	U	2000	P	07/11/2025	05:24	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	05:24	LB136434
	Silver	2.97	+/-5	J	10.0	P	07/11/2025	05:24	LB136434
	Sodium	868	+/-1000	U	2000	P	07/11/2025	05:24	LB136434

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q2514
Contract: CAMP02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	40.0	P	07/11/2025	05:24	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/11/2025	05:24	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/11/2025	05:24	LB136434
CCB10	Aluminum	11.3	+/-50	U	100	P	07/11/2025	06:21	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/11/2025	06:21	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	06:21	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	06:21	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/11/2025	06:21	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	06:21	LB136434
	Calcium	234	+/-1000	U	2000	P	07/11/2025	06:21	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	06:21	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/11/2025	06:21	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/11/2025	06:21	LB136434
	Iron	23.4	+/-50	U	100	P	07/11/2025	06:21	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	06:21	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/11/2025	06:21	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/11/2025	06:21	LB136434
	Nickel	3.06	+/-20	U	40.0	P	07/11/2025	06:21	LB136434
	Potassium	918	+/-1000	U	2000	P	07/11/2025	06:21	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	06:21	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/11/2025	06:21	LB136434
	Sodium	868	+/-1000	U	2000	P	07/11/2025	06:21	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/11/2025	06:21	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/11/2025	06:21	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/11/2025	06:21	LB136434
	Aluminum	11.3	+/-50	U	100	P	07/11/2025	06:47	LB136434
	Antimony	6.76	+/-25	U	50.0	P	07/11/2025	06:47	LB136434
	Arsenic	5.12	+/-10	U	20.0	P	07/11/2025	06:47	LB136434
	Barium	14.6	+/-50	U	100	P	07/11/2025	06:47	LB136434
	Beryllium	0.56	+/-3	U	6.00	P	07/11/2025	06:47	LB136434
	Cadmium	0.50	+/-3	U	6.00	P	07/11/2025	06:47	LB136434
	Calcium	234	+/-1000	U	2000	P	07/11/2025	06:47	LB136434
	Chromium	2.12	+/-5	U	10.0	P	07/11/2025	06:47	LB136434
	Cobalt	2.26	+/-15	U	30.0	P	07/11/2025	06:47	LB136434
	Copper	4.60	+/-10	U	20.0	P	07/11/2025	06:47	LB136434
	Iron	23.4	+/-50	U	100	P	07/11/2025	06:47	LB136434
	Lead	2.30	+/-6	U	12.0	P	07/11/2025	06:47	LB136434
	Magnesium	244	+/-1000	U	2000	P	07/11/2025	06:47	LB136434
	Manganese	5.94	+/-10	U	20.0	P	07/11/2025	06:47	LB136434

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	40.0	P	07/11/2025	06:47	LB136434
	Potassium	918	+/-1000	U	2000	P	07/11/2025	06:47	LB136434
	Selenium	9.64	+/-10	U	20.0	P	07/11/2025	06:47	LB136434
	Silver	1.62	+/-5	U	10.0	P	07/11/2025	06:47	LB136434
	Sodium	868	+/-1000	U	2000	P	07/11/2025	06:47	LB136434
	Thallium	4.38	+/-20	U	40.0	P	07/11/2025	06:47	LB136434
	Vanadium	6.26	+/-20	U	40.0	P	07/11/2025	06:47	LB136434
	Zinc	3.50	+/-20	U	40.0	P	07/11/2025	06:47	LB136434

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	44.1	+/-50	J	100	P	07/17/2025	14:29	LB136534
	Antimony	6.76	+/-25	U	50.0	P	07/17/2025	14:29	LB136534
	Arsenic	5.12	+/-10	U	20.0	P	07/17/2025	14:29	LB136534
	Barium	14.6	+/-50	U	100	P	07/17/2025	14:29	LB136534
	Beryllium	0.56	+/-3	U	6.00	P	07/17/2025	14:29	LB136534
	Cadmium	0.50	+/-3	U	6.00	P	07/17/2025	14:29	LB136534
	Calcium	234	+/-1000	U	2000	P	07/17/2025	14:29	LB136534
	Chromium	2.12	+/-5	U	10.0	P	07/17/2025	14:29	LB136534
	Cobalt	2.26	+/-15	U	30.0	P	07/17/2025	14:29	LB136534
	Copper	4.60	+/-10	U	20.0	P	07/17/2025	14:29	LB136534
	Iron	23.4	+/-50	U	100	P	07/17/2025	14:29	LB136534
	Lead	2.30	+/-6	U	12.0	P	07/17/2025	14:29	LB136534
	Magnesium	244	+/-1000	U	2000	P	07/17/2025	14:29	LB136534
	Manganese	5.94	+/-10	U	20.0	P	07/17/2025	14:29	LB136534
	Nickel	3.06	+/-20	U	40.0	P	07/17/2025	14:29	LB136534
	Potassium	918	+/-1000	U	2000	P	07/17/2025	14:29	LB136534
	Selenium	9.64	+/-10	U	20.0	P	07/17/2025	14:29	LB136534
	Silver	1.62	+/-5	U	10.0	P	07/17/2025	14:29	LB136534
	Sodium	868	+/-1000	U	2000	P	07/17/2025	14:29	LB136534
	Thallium	4.38	+/-20	U	40.0	P	07/17/2025	14:29	LB136534
	Vanadium	6.26	+/-20	U	40.0	P	07/17/2025	14:29	LB136534
	Zinc	3.50	+/-20	U	40.0	P	07/17/2025	14:29	LB136534

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q2514
Contract: CAMP02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	34.3	+/-50	J	100	P	07/17/2025	15:01	LB136534
	Antimony	6.76	+/-25	U	50.0	P	07/17/2025	15:01	LB136534
	Arsenic	5.12	+/-10	U	20.0	P	07/17/2025	15:01	LB136534
	Barium	14.6	+/-50	U	100	P	07/17/2025	15:01	LB136534
	Beryllium	0.56	+/-3	U	6.00	P	07/17/2025	15:01	LB136534
	Cadmium	0.50	+/-3	U	6.00	P	07/17/2025	15:01	LB136534
	Calcium	234	+/-1000	U	2000	P	07/17/2025	15:01	LB136534
	Chromium	2.12	+/-5	U	10.0	P	07/17/2025	15:01	LB136534
	Cobalt	2.26	+/-15	U	30.0	P	07/17/2025	15:01	LB136534
	Copper	4.60	+/-10	U	20.0	P	07/17/2025	15:01	LB136534
	Iron	23.4	+/-50	U	100	P	07/17/2025	15:01	LB136534
	Lead	2.30	+/-6	U	12.0	P	07/17/2025	15:01	LB136534
	Magnesium	244	+/-1000	U	2000	P	07/17/2025	15:01	LB136534
	Manganese	5.94	+/-10	U	20.0	P	07/17/2025	15:01	LB136534
	Nickel	3.06	+/-20	U	40.0	P	07/17/2025	15:01	LB136534
	Potassium	918	+/-1000	U	2000	P	07/17/2025	15:01	LB136534
	Selenium	9.64	+/-10	U	20.0	P	07/17/2025	15:01	LB136534
	Silver	1.62	+/-5	U	10.0	P	07/17/2025	15:01	LB136534
	Sodium	868	+/-1000	U	2000	P	07/17/2025	15:01	LB136534
	Thallium	4.38	+/-20	U	40.0	P	07/17/2025	15:01	LB136534
	Vanadium	6.26	+/-20	U	40.0	P	07/17/2025	15:01	LB136534
	Zinc	3.50	+/-20	U	40.0	P	07/17/2025	15:01	LB136534
CCB02	Aluminum	20.6	+/-50	J	100	P	07/17/2025	15:49	LB136534
	Antimony	6.76	+/-25	U	50.0	P	07/17/2025	15:49	LB136534
	Arsenic	5.12	+/-10	U	20.0	P	07/17/2025	15:49	LB136534
	Barium	14.6	+/-50	U	100	P	07/17/2025	15:49	LB136534
	Beryllium	0.56	+/-3	U	6.00	P	07/17/2025	15:49	LB136534
	Cadmium	0.50	+/-3	U	6.00	P	07/17/2025	15:49	LB136534
	Calcium	234	+/-1000	U	2000	P	07/17/2025	15:49	LB136534
	Chromium	2.12	+/-5	U	10.0	P	07/17/2025	15:49	LB136534
	Cobalt	2.26	+/-15	U	30.0	P	07/17/2025	15:49	LB136534
	Copper	4.60	+/-10	U	20.0	P	07/17/2025	15:49	LB136534
	Iron	23.4	+/-50	U	100	P	07/17/2025	15:49	LB136534
	Lead	2.30	+/-6	U	12.0	P	07/17/2025	15:49	LB136534
	Magnesium	244	+/-1000	U	2000	P	07/17/2025	15:49	LB136534
	Manganese	5.94	+/-10	U	20.0	P	07/17/2025	15:49	LB136534
	Nickel	3.06	+/-20	U	40.0	P	07/17/2025	15:49	LB136534
	Potassium	918	+/-1000	U	2000	P	07/17/2025	15:49	LB136534
	Selenium	9.64	+/-10	U	20.0	P	07/17/2025	15:49	LB136534

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q2514
Contract: CAMP02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	07/17/2025	15:49	LB136534
	Sodium	868	+/-1000	U	2000	P	07/17/2025	15:49	LB136534
	Thallium	4.38	+/-20	U	40.0	P	07/17/2025	15:49	LB136534
	Vanadium	6.26	+/-20	U	40.0	P	07/17/2025	15:49	LB136534
	Zinc	3.50	+/-20	U	40.0	P	07/17/2025	15:49	LB136534
CCB03	Aluminum	30.1	+/-50	J	100	P	07/17/2025	17:36	LB136534
	Antimony	6.76	+/-25	U	50.0	P	07/17/2025	17:36	LB136534
	Arsenic	5.12	+/-10	U	20.0	P	07/17/2025	17:36	LB136534
	Barium	14.6	+/-50	U	100	P	07/17/2025	17:36	LB136534
	Beryllium	0.56	+/-3	U	6.00	P	07/17/2025	17:36	LB136534
	Cadmium	0.50	+/-3	U	6.00	P	07/17/2025	17:36	LB136534
	Calcium	234	+/-1000	U	2000	P	07/17/2025	17:36	LB136534
	Chromium	2.12	+/-5	U	10.0	P	07/17/2025	17:36	LB136534
	Cobalt	2.26	+/-15	U	30.0	P	07/17/2025	17:36	LB136534
	Copper	4.60	+/-10	U	20.0	P	07/17/2025	17:36	LB136534
	Iron	23.4	+/-50	U	100	P	07/17/2025	17:36	LB136534
	Lead	2.30	+/-6	U	12.0	P	07/17/2025	17:36	LB136534
	Magnesium	244	+/-1000	U	2000	P	07/17/2025	17:36	LB136534
	Manganese	5.94	+/-10	U	20.0	P	07/17/2025	17:36	LB136534
	Nickel	3.06	+/-20	U	40.0	P	07/17/2025	17:36	LB136534
	Potassium	918	+/-1000	U	2000	P	07/17/2025	17:36	LB136534
	Selenium	9.64	+/-10	U	20.0	P	07/17/2025	17:36	LB136534
	Silver	1.62	+/-5	U	10.0	P	07/17/2025	17:36	LB136534
	Sodium	868	+/-1000	U	2000	P	07/17/2025	17:36	LB136534
	Thallium	4.38	+/-20	U	40.0	P	07/17/2025	17:36	LB136534
	Vanadium	6.26	+/-20	U	40.0	P	07/17/2025	17:36	LB136534
	Zinc	3.50	+/-20	U	40.0	P	07/17/2025	17:36	LB136534
CCB04	Aluminum	27.5	+/-50	J	100	P	07/17/2025	18:50	LB136534
	Antimony	6.76	+/-25	U	50.0	P	07/17/2025	18:50	LB136534
	Arsenic	5.12	+/-10	U	20.0	P	07/17/2025	18:50	LB136534
	Barium	14.6	+/-50	U	100	P	07/17/2025	18:50	LB136534
	Beryllium	0.56	+/-3	U	6.00	P	07/17/2025	18:50	LB136534
	Cadmium	0.50	+/-3	U	6.00	P	07/17/2025	18:50	LB136534
	Calcium	234	+/-1000	U	2000	P	07/17/2025	18:50	LB136534
	Chromium	2.12	+/-5	U	10.0	P	07/17/2025	18:50	LB136534
	Cobalt	2.26	+/-15	U	30.0	P	07/17/2025	18:50	LB136534
	Copper	4.60	+/-10	U	20.0	P	07/17/2025	18:50	LB136534
	Iron	23.4	+/-50	U	100	P	07/17/2025	18:50	LB136534
	Lead	2.30	+/-6	U	12.0	P	07/17/2025	18:50	LB136534

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	07/17/2025	18:50	LB136534
	Manganese	5.94	+/-10	U	20.0	P	07/17/2025	18:50	LB136534
	Nickel	3.06	+/-20	U	40.0	P	07/17/2025	18:50	LB136534
	Potassium	918	+/-1000	U	2000	P	07/17/2025	18:50	LB136534
	Selenium	9.64	+/-10	U	20.0	P	07/17/2025	18:50	LB136534
	Silver	1.62	+/-5	U	10.0	P	07/17/2025	18:50	LB136534
	Sodium	868	+/-1000	U	2000	P	07/17/2025	18:50	LB136534
	Thallium	4.38	+/-20	U	40.0	P	07/17/2025	18:50	LB136534
	Vanadium	6.26	+/-20	U	40.0	P	07/17/2025	18:50	LB136534
	Zinc	3.50	+/-20	U	40.0	P	07/17/2025	18:50	LB136534
CCB05	Aluminum	19.5	+/-50	J	100	P	07/17/2025	20:16	LB136534
	Antimony	6.76	+/-25	U	50.0	P	07/17/2025	20:16	LB136534
	Arsenic	5.12	+/-10	U	20.0	P	07/17/2025	20:16	LB136534
	Barium	14.6	+/-50	U	100	P	07/17/2025	20:16	LB136534
	Beryllium	0.56	+/-3	U	6.00	P	07/17/2025	20:16	LB136534
	Cadmium	0.50	+/-3	U	6.00	P	07/17/2025	20:16	LB136534
	Calcium	234	+/-1000	U	2000	P	07/17/2025	20:16	LB136534
	Chromium	2.12	+/-5	U	10.0	P	07/17/2025	20:16	LB136534
	Cobalt	2.26	+/-15	U	30.0	P	07/17/2025	20:16	LB136534
	Copper	4.60	+/-10	U	20.0	P	07/17/2025	20:16	LB136534
	Iron	23.4	+/-50	U	100	P	07/17/2025	20:16	LB136534
	Lead	2.30	+/-6	U	12.0	P	07/17/2025	20:16	LB136534
	Magnesium	244	+/-1000	U	2000	P	07/17/2025	20:16	LB136534
	Manganese	5.94	+/-10	U	20.0	P	07/17/2025	20:16	LB136534
	Nickel	3.06	+/-20	U	40.0	P	07/17/2025	20:16	LB136534
	Potassium	918	+/-1000	U	2000	P	07/17/2025	20:16	LB136534
	Selenium	9.64	+/-10	U	20.0	P	07/17/2025	20:16	LB136534
	Silver	1.62	+/-5	U	10.0	P	07/17/2025	20:16	LB136534
	Sodium	868	+/-1000	U	2000	P	07/17/2025	20:16	LB136534
	Thallium	4.38	+/-20	U	40.0	P	07/17/2025	20:16	LB136534
	Vanadium	6.26	+/-20	U	40.0	P	07/17/2025	20:16	LB136534
	Zinc	3.50	+/-20	U	40.0	P	07/17/2025	20:16	LB136534
CCB06	Aluminum	12.5	+/-50	J	100	P	07/17/2025	20:51	LB136534
	Antimony	6.76	+/-25	U	50.0	P	07/17/2025	20:51	LB136534
	Arsenic	5.12	+/-10	U	20.0	P	07/17/2025	20:51	LB136534
	Barium	14.6	+/-50	U	100	P	07/17/2025	20:51	LB136534
	Beryllium	0.56	+/-3	U	6.00	P	07/17/2025	20:51	LB136534
	Cadmium	0.50	+/-3	U	6.00	P	07/17/2025	20:51	LB136534
	Calcium	234	+/-1000	U	2000	P	07/17/2025	20:51	LB136534

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	07/17/2025	20:51	LB136534
	Cobalt	2.26	+/-15	U	30.0	P	07/17/2025	20:51	LB136534
	Copper	4.60	+/-10	U	20.0	P	07/17/2025	20:51	LB136534
	Iron	23.4	+/-50	U	100	P	07/17/2025	20:51	LB136534
	Lead	2.30	+/-6	U	12.0	P	07/17/2025	20:51	LB136534
	Magnesium	244	+/-1000	U	2000	P	07/17/2025	20:51	LB136534
	Manganese	5.94	+/-10	U	20.0	P	07/17/2025	20:51	LB136534
	Nickel	3.06	+/-20	U	40.0	P	07/17/2025	20:51	LB136534
	Potassium	918	+/-1000	U	2000	P	07/17/2025	20:51	LB136534
	Selenium	9.64	+/-10	U	20.0	P	07/17/2025	20:51	LB136534
	Silver	1.62	+/-5	U	10.0	P	07/17/2025	20:51	LB136534
	Sodium	868	+/-1000	U	2000	P	07/17/2025	20:51	LB136534
	Thallium	4.38	+/-20	U	40.0	P	07/17/2025	20:51	LB136534
	Vanadium	6.26	+/-20	U	40.0	P	07/17/2025	20:51	LB136534
	Zinc	3.50	+/-20	U	40.0	P	07/17/2025	20:51	LB136534

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2514

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168892BL		SOLID		Batch Number:	PB168892		Prep Date:	07/15/2025	
	Mercury	0.0070	<0.013	U	0.013	CV	07/16/2025	13:04	LB136499

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2514

Instrument: P5

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168740BL	SOLID			Batch Number:	PB168740		Prep Date:	07/07/2025	
	Aluminum	0.84	<2.5	U	5.00	P	07/11/2025	00:34	LB136434
	Antimony	0.22	<1.25	U	2.50	P	07/11/2025	00:34	LB136434
	Arsenic	0.19	<0.5	U	1.00	P	07/11/2025	00:34	LB136434
	Barium	0.73	<2.5	U	5.00	P	07/11/2025	00:34	LB136434
	Beryllium	0.025	<0.15	U	0.30	P	07/11/2025	00:34	LB136434
	Cadmium	0.024	<0.15	U	0.30	P	07/11/2025	00:34	LB136434
	Calcium	11.1	<50	U	100	P	07/11/2025	00:34	LB136434
	Chromium	0.047	<0.25	U	0.50	P	07/11/2025	00:34	LB136434
	Cobalt	0.10	<0.75	U	1.50	P	07/11/2025	00:34	LB136434
	Copper	0.22	<0.5	U	1.00	P	07/11/2025	00:34	LB136434
	Iron	3.99	<2.5	U	5.00	P	07/11/2025	00:34	LB136434
	Lead	0.13	<0.3	U	0.60	P	07/11/2025	00:34	LB136434
	Magnesium	12.0	<50	U	100	P	07/11/2025	00:34	LB136434
	Manganese	0.14	<0.5	U	1.00	P	07/11/2025	00:34	LB136434
	Nickel	0.13	<1	U	2.00	P	07/11/2025	00:34	LB136434
	Potassium	27.7	<50	U	100	P	07/11/2025	00:34	LB136434
	Selenium	0.26	<0.5	U	1.00	P	07/11/2025	00:34	LB136434
	Silver	0.12	<0.25	U	0.50	P	07/11/2025	00:34	LB136434
	Sodium	17.8	<50	U	100	P	07/11/2025	00:34	LB136434
	Thallium	0.23	<1	U	2.00	P	07/11/2025	00:34	LB136434
	Vanadium	0.25	<1	U	2.00	P	07/11/2025	00:34	LB136434
	Zinc	0.11	<1	U	2.00	P	07/11/2025	00:34	LB136434

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>CDM Smith</u>	SDG No.: <u>Q2514</u>
Contract: <u>CAMP02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P5</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	245000	250000	98	216000	294000	07/09/2025	10:31	LB136407
	Antimony	23.3			-50	50	07/09/2025	10:31	LB136407
	Arsenic	5.46			-20	20	07/09/2025	10:31	LB136407
	Barium	8.02	6.0	134	-94	106	07/09/2025	10:31	LB136407
	Beryllium	1.50			-6	6	07/09/2025	10:31	LB136407
	Cadmium	-0.43	1.0	43	-5	7	07/09/2025	10:31	LB136407
	Calcium	242000	240000	101	208000	282000	07/09/2025	10:31	LB136407
	Chromium	52.2	52.0	100	42	62	07/09/2025	10:31	LB136407
	Cobalt	27.0			-30	30	07/09/2025	10:31	LB136407
	Copper	-4.74	2.0	237	-18	22	07/09/2025	10:31	LB136407
	Iron	96800	100000	97	85600	116500	07/09/2025	10:31	LB136407
	Lead	-5.64			-12	12	07/09/2025	10:31	LB136407
	Magnesium	242000	260000	93	216000	294000	07/09/2025	10:31	LB136407
	Manganese	3.37	7.0	48	-13	27	07/09/2025	10:31	LB136407
	Nickel	13.5	2.0	675	-38	42	07/09/2025	10:31	LB136407
	Potassium	10.6			0	0	07/09/2025	10:31	LB136407
	Selenium	-11.2			-20	20	07/09/2025	10:31	LB136407
	Silver	-2.41			-10	10	07/09/2025	10:31	LB136407
	Sodium	119			0	0	07/09/2025	10:31	LB136407
	Thallium	16.7			-40	40	07/09/2025	10:31	LB136407
	Vanadium	1.75			-40	40	07/09/2025	10:31	LB136407
	Zinc	10.9			-40	40	07/09/2025	10:31	LB136407
ICSAB01	Aluminum	245000	250000	98	209000	285000	07/09/2025	10:35	LB136407
	Antimony	621	620	100	525	711	07/09/2025	10:35	LB136407
	Arsenic	98.6	100	99	88.4	120	07/09/2025	10:35	LB136407
	Barium	529	540	98	437	637	07/09/2025	10:35	LB136407
	Beryllium	514	500	103	420	570	07/09/2025	10:35	LB136407
	Cadmium	984	970	101	826	1120	07/09/2025	10:35	LB136407
	Calcium	241000	230000	105	199000	271000	07/09/2025	10:35	LB136407
	Chromium	555	540	103	460	624	07/09/2025	10:35	LB136407
	Cobalt	506	480	105	404	548	07/09/2025	10:35	LB136407
	Copper	479	510	94	434	588	07/09/2025	10:35	LB136407
	Iron	98200	99000	99	84400	114500	07/09/2025	10:35	LB136407
	Lead	38.6	49.0	79	37	61	07/09/2025	10:35	LB136407
	Magnesium	243000	250000	97	210000	286000	07/09/2025	10:35	LB136407
	Manganese	498	510	98	430	584	07/09/2025	10:35	LB136407
	Nickel	966	950	102	810	1100	07/09/2025	10:35	LB136407
	Potassium	9.40			0	0	07/09/2025	10:35	LB136407
	Selenium	40.2	46.0	87	26	66	07/09/2025	10:35	LB136407
	Silver	209	200	104	170	232	07/09/2025	10:35	LB136407
	Sodium	100			0	0	07/09/2025	10:35	LB136407
	Thallium	101	110	92	68	148	07/09/2025	10:35	LB136407

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>CDM Smith</u>	SDG No.: <u>Q2514</u>
Contract: <u>CAMP02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P5</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	489	490	100	417	565	07/09/2025	10:35	LB136407
	Zinc	1030	950	108	809	1095	07/09/2025	10:35	LB136407
ICSA01	Aluminum	247000	250000	99	216000	294000	07/10/2025	19:11	LB136434
	Antimony	21.5			-50	50	07/10/2025	19:11	LB136434
	Arsenic	2.10			-20	20	07/10/2025	19:11	LB136434
	Barium	5.81	6.0	97	-94	106	07/10/2025	19:11	LB136434
	Beryllium	1.15			-6	6	07/10/2025	19:11	LB136434
	Cadmium	-0.49	1.0	49	-5	7	07/10/2025	19:11	LB136434
	Calcium	242000	240000	101	208000	282000	07/10/2025	19:11	LB136434
	Chromium	48.9	52.0	94	42	62	07/10/2025	19:11	LB136434
	Cobalt	25.0			-30	30	07/10/2025	19:11	LB136434
	Copper	-9.61	2.0	480	-18	22	07/10/2025	19:11	LB136434
	Iron	104000	100000	104	85600	116500	07/10/2025	19:11	LB136434
	Lead	0.44			-12	12	07/10/2025	19:11	LB136434
	Magnesium	252000	260000	97	216000	294000	07/10/2025	19:11	LB136434
	Manganese	2.89	7.0	41	-13	27	07/10/2025	19:11	LB136434
	Nickel	16.4	2.0	820	-38	42	07/10/2025	19:11	LB136434
	Potassium	5.28			0	0	07/10/2025	19:11	LB136434
	Selenium	4.66			-20	20	07/10/2025	19:11	LB136434
	Silver	-1.13			-10	10	07/10/2025	19:11	LB136434
	Sodium	100			0	0	07/10/2025	19:11	LB136434
	Thallium	17.8			-40	40	07/10/2025	19:11	LB136434
	Vanadium	4.92			-40	40	07/10/2025	19:11	LB136434
	Zinc	11.0			-40	40	07/10/2025	19:11	LB136434
ICSAB01	Aluminum	244000	250000	98	209000	285000	07/10/2025	19:15	LB136434
	Antimony	612	620	99	525	711	07/10/2025	19:15	LB136434
	Arsenic	92.1	100	92	88.4	120	07/10/2025	19:15	LB136434
	Barium	505	540	94	437	637	07/10/2025	19:15	LB136434
	Beryllium	505	500	101	420	570	07/10/2025	19:15	LB136434
	Cadmium	972	970	100	826	1120	07/10/2025	19:15	LB136434
	Calcium	239000	230000	104	199000	271000	07/10/2025	19:15	LB136434
	Chromium	548	540	102	460	624	07/10/2025	19:15	LB136434
	Cobalt	497	480	104	404	548	07/10/2025	19:15	LB136434
	Copper	468	510	92	434	588	07/10/2025	19:15	LB136434
	Iron	98700	99000	100	84400	114500	07/10/2025	19:15	LB136434
	Lead	43.4	49.0	89	37	61	07/10/2025	19:15	LB136434
	Magnesium	249000	250000	100	210000	286000	07/10/2025	19:15	LB136434
	Manganese	491	510	96	430	584	07/10/2025	19:15	LB136434
	Nickel	971	950	102	810	1100	07/10/2025	19:15	LB136434
	Potassium	0.96			0	0	07/10/2025	19:15	LB136434
	Selenium	52.3	46.0	114	26	66	07/10/2025	19:15	LB136434
	Silver	217	200	108	170	232	07/10/2025	19:15	LB136434

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>CDM Smith</u>	SDG No.: <u>Q2514</u>
Contract: <u>CAMP02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P5</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	88.1			0	0	07/10/2025	19:15	LB136434
	Thallium	99.2	110	90	68	148	07/10/2025	19:15	LB136434
	Vanadium	488	490	100	417	565	07/10/2025	19:15	LB136434
	Zinc	983	950	104	809	1095	07/10/2025	19:15	LB136434
ICSA01	Aluminum	243000	250000	97	216000	294000	07/17/2025	14:46	LB136534
	Antimony	20.2			-50	50	07/17/2025	14:46	LB136534
	Arsenic	-5.59			-20	20	07/17/2025	14:46	LB136534
	Barium	5.91	6.0	98	-94	106	07/17/2025	14:46	LB136534
	Beryllium	1.12			-6	6	07/17/2025	14:46	LB136534
	Cadmium	-0.95	1.0	95	-5	7	07/17/2025	14:46	LB136534
	Calcium	232000	240000	97	208000	282000	07/17/2025	14:46	LB136534
	Chromium	48.4	52.0	93	42	62	07/17/2025	14:46	LB136534
	Cobalt	21.5			-30	30	07/17/2025	14:46	LB136534
	Copper	-6.18	2.0	309	-18	22	07/17/2025	14:46	LB136534
	Iron	89400	100000	89	85600	116500	07/17/2025	14:46	LB136534
	Lead	1.20			-12	12	07/17/2025	14:46	LB136534
	Magnesium	242000	260000	93	216000	294000	07/17/2025	14:46	LB136534
	Manganese	3.52	7.0	50	-13	27	07/17/2025	14:46	LB136534
	Nickel	1.33	2.0	66	-38	42	07/17/2025	14:46	LB136534
	Potassium	3.55			0	0	07/17/2025	14:46	LB136534
	Selenium	-9.33			-20	20	07/17/2025	14:46	LB136534
	Silver	-1.63			-10	10	07/17/2025	14:46	LB136534
	Sodium	127			0	0	07/17/2025	14:46	LB136534
	Thallium	2.74			-40	40	07/17/2025	14:46	LB136534
	Vanadium	9.54			-40	40	07/17/2025	14:46	LB136534
	Zinc	11.6			-40	40	07/17/2025	14:46	LB136534
ICSAB01	Aluminum	243000	250000	97	209000	285000	07/17/2025	14:51	LB136534
	Antimony	586	620	94	525	711	07/17/2025	14:51	LB136534
	Arsenic	89.5	100	90	88.4	120	07/17/2025	14:51	LB136534
	Barium	490	540	91	437	637	07/17/2025	14:51	LB136534
	Beryllium	480	500	96	420	570	07/17/2025	14:51	LB136534
	Cadmium	954	970	98	826	1120	07/17/2025	14:51	LB136534
	Calcium	233000	230000	101	199000	271000	07/17/2025	14:51	LB136534
	Chromium	528	540	98	460	624	07/17/2025	14:51	LB136534
	Cobalt	493	480	103	404	548	07/17/2025	14:51	LB136534
	Copper	455	510	89	434	588	07/17/2025	14:51	LB136534
	Iron	90300	99000	91	84400	114500	07/17/2025	14:51	LB136534
	Lead	46.7	49.0	95	37	61	07/17/2025	14:51	LB136534
	Magnesium	242000	250000	97	210000	286000	07/17/2025	14:51	LB136534
	Manganese	475	510	93	430	584	07/17/2025	14:51	LB136534
	Nickel	941	950	99	810	1100	07/17/2025	14:51	LB136534
	Potassium	3.18			0	0	07/17/2025	14:51	LB136534

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>CDM Smith</u>	SDG No.: <u>Q2514</u>
Contract: <u>CAMP02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P5</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	Selenium	42.8	46.0	93	26	66	07/17/2025	14:51	LB136534
	Silver	204	200	102	170	232	07/17/2025	14:51	LB136534
	Sodium	145			0	0	07/17/2025	14:51	LB136534
	Thallium	91.9	110	84	68	148	07/17/2025	14:51	LB136534
	Vanadium	470	490	96	417	565	07/17/2025	14:51	LB136534
	Zinc	999	950	105	809	1095	07/17/2025	14:51	LB136534



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: CDM Smith	level: low	sdg no.: Q2514
contract: CAMP02		lab code: ACE
matrix: Solid	sample id: Q2487-16	client id: G1(6-12)MS
Percent Solids for Sample: 93.3	Spiked ID: Q2487-16MS	Percent Solids for Spike Sample: 93.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.49		0.23		0.26	98		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: CDM Smith	level: low	sdg no.: Q2514
contract: CAMP02		lab code: ACE
matrix: Solid	sample id: Q2487-16	client id: G1(6-12)MSD
Percent Solids for Sample: 93.3	Spiked ID: Q2487-16MSD	Percent Solids for Spike Sample: 93.3

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.48		0.23		0.26	96		CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: CDM Smith **level:** low **sdg no.:** Q2514
contract: CAMP02 **lab code:** ACE
matrix: Solid **sample id:** Q2515-01 **client id:** WC-1MS

Percent Solids for Sample: 87.5 **Spiked ID:** Q2515-01MS **Percent Solids for Spike Sample:** 87.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	10900		10000		100	856		P
Antimony	mg/Kg	75 - 125	11.3		1.79	J	41.2	23	N	P
Arsenic	mg/Kg	75 - 125	39.8		1.42		41.2	93		P
Barium	mg/Kg	75 - 125	62.0		46.6		10.3	150		P
Beryllium	mg/Kg	75 - 125	8.21		0.55		10.3	74	N	P
Cadmium	mg/Kg	75 - 125	10.2		0.30	U	10.3	99		P
Calcium	mg/Kg	75 - 125	1950		2090		51.5	-272		P
Chromium	mg/Kg	75 - 125	42.9		27.0		20.6	77		P
Cobalt	mg/Kg	75 - 125	26.6		20.1		10.3	63	N	P
Copper	mg/Kg	75 - 125	28.0		19.4		15.4	56	N	P
Iron	mg/Kg	75 - 125	15800		18900		150	-1957		P
Lead	mg/Kg	75 - 125	57.2		7.18		51.5	97		P
Magnesium	mg/Kg	75 - 125	3230		3810		100	-560		P
Manganese	mg/Kg	75 - 125	812		693		10.3	1156		P
Nickel	mg/Kg	75 - 125	43.1		21.0		25.7	86		P
Potassium	mg/Kg	75 - 125	657		245		510	80		P
Selenium	mg/Kg	75 - 125	73.3		4.97		100	66	N	P
Silver	mg/Kg	75 - 125	2.39		0.50	U	3.9	62	N	P
Sodium	mg/Kg	75 - 125	266		203		150	41	N	P
Thallium	mg/Kg	75 - 125	94.8		2.01	U	100	92		P
Vanadium	mg/Kg	75 - 125	51.6		57.6		15.4	-39	N	P
Zinc	mg/Kg	75 - 125	40.8		31.9		10.3	87		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: CDM Smith **level:** low **sdg no.:** Q2514
contract: CAMP02 **lab code:** ACE
matrix: Solid **sample id:** Q2515-01 **client id:** WC-1MSD

Percent Solids for Sample: 87.5 **Spiked ID:** Q2515-01MSD **Percent Solids for Spike Sample:** 87.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	10900		10000		110	818		P
Antimony	mg/Kg	75 - 125	12.9		1.79	J	42.5	26	N	P
Arsenic	mg/Kg	75 - 125	42.5		1.42		42.5	97		P
Barium	mg/Kg	75 - 125	51.3		46.6		10.6	44		P
Beryllium	mg/Kg	75 - 125	8.67		0.55		10.6	76		P
Cadmium	mg/Kg	75 - 125	10.5		0.30	U	10.6	99		P
Calcium	mg/Kg	75 - 125	1920		2090		53.2	-316		P
Chromium	mg/Kg	75 - 125	44.6		27.0		21.3	83		P
Cobalt	mg/Kg	75 - 125	27.6		20.1		10.6	70	N	P
Copper	mg/Kg	75 - 125	30.3		19.4		15.9	68	N	P
Iron	mg/Kg	75 - 125	18900		18900		160	53		P
Lead	mg/Kg	75 - 125	60.7		7.18		53.2	101		P
Magnesium	mg/Kg	75 - 125	3380		3810		110	-398		P
Manganese	mg/Kg	75 - 125	533		693		10.6	-1507		P
Nickel	mg/Kg	75 - 125	44.5		21.0		26.6	89		P
Potassium	mg/Kg	75 - 125	674		245		530	81		P
Selenium	mg/Kg	75 - 125	76.8		4.97		110	68	N	P
Silver	mg/Kg	75 - 125	1.99		0.50	U	4.0	50	N	P
Sodium	mg/Kg	75 - 125	295		203		160	58	N	P
Thallium	mg/Kg	75 - 125	97.4		2.01	U	110	92		P
Vanadium	mg/Kg	75 - 125	67.0		57.6		15.9	59	N	P
Zinc	mg/Kg	75 - 125	42.1		31.9		10.6	96		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>CDM Smith</u>	SDG No.: <u>Q2514</u>	
Contract: <u>CAMP02</u>	Lab Code: <u>ACE</u>	
Matrix: <u>Solid</u>	Level: <u>LOW</u>	Client ID: <u>WC-1A</u>
Sample ID: <u>Q2515-01</u>	Spiked ID: <u>Q2515-01A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	30.9		1.79	J	40.1	73	N	P
Beryllium	mg/Kg	75 - 125	8.11		0.55		10.0	76		P
Cobalt	mg/Kg	75 - 125	29.6		20.1		10.0	95		P
Copper	mg/Kg	75 - 125	30.3		19.4		15.0	73	N	P
Selenium	mg/Kg	75 - 125	75.9		4.97		100	71	N	P
Silver	mg/Kg	75 - 125	1.61		0.50	U	3.80	42	N	P
Sodium	mg/Kg	75 - 125	304		203		150	68	N	P
Vanadium	mg/Kg	75 - 125	67.4		57.6		15.0	65	N	P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2514</u>
Contract:	<u>CAMP02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2487-16</u>	Client ID:	<u>G1(6-12)DUP</u>
Percent Solids for Sample:	93.3	Duplicate ID	Q2487-16DUP	Percent Solids for Spike Sample:	93.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.23		0.24		4		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2514</u>
Contract:	<u>CAMP02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2487-16MS</u>	Client ID:	<u>G1(6-12)MSD</u>
Percent Solids for Sample:	93.3	Duplicate ID	Q2487-16MSD	Percent Solids for Spike Sample:	93.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.49		0.48		2		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2514</u>
Contract:	<u>CAMP02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2515-01</u>	Client ID:	<u>WC-1DUP</u>
Percent Solids for Sample:	87.5	Duplicate ID	Q2515-01DUP	Percent Solids for Spike Sample:	87.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	10000		9470		5		P
Antimony	mg/Kg	20	1.79	J	1.71	J	5		P
Arsenic	mg/Kg	20	1.42		1.66		16		P
Barium	mg/Kg	20	46.6		41.2		12		P
Beryllium	mg/Kg	20	0.55		0.55		1		P
Cadmium	mg/Kg	20	0.30	U	0.29	U			P
Calcium	mg/Kg	20	2090		2040		2		P
Chromium	mg/Kg	20	27.0		26.6		1		P
Cobalt	mg/Kg	20	20.1		19.6		3		P
Copper	mg/Kg	20	19.4		18.8		3		P
Iron	mg/Kg	20	18900		18800		1		P
Lead	mg/Kg	20	7.18		10.0		33	*	P
Magnesium	mg/Kg	20	3810		3930		3		P
Manganese	mg/Kg	20	693		600		14		P
Nickel	mg/Kg	20	21.0		20.7		1		P
Potassium	mg/Kg	20	245		230		6		P
Selenium	mg/Kg	20	4.97		5.08		2		P
Silver	mg/Kg	20	0.50	U	0.48	U			P
Sodium	mg/Kg	20	203		194		5		P
Thallium	mg/Kg	20	2.01	U	1.91	U			P
Vanadium	mg/Kg	20	57.6		57.5		0		P
Zinc	mg/Kg	20	31.9		32.3		1		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2514</u>
Contract:	<u>CAMP02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2515-01MS</u>	Client ID:	<u>WC-1MSD</u>
Percent Solids for Sample:	87.5	Duplicate ID	Q2515-01MSD	Percent Solids for Spike Sample:	87.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	10900		10900		0		P
Antimony	mg/Kg	20	11.3		12.9		13		P
Arsenic	mg/Kg	20	39.8		42.5		7		P
Barium	mg/Kg	20	62.0		51.3		19		P
Beryllium	mg/Kg	20	8.21		8.67		5		P
Cadmium	mg/Kg	20	10.2		10.5		4		P
Calcium	mg/Kg	20	1950		1920		2		P
Chromium	mg/Kg	20	42.9		44.6		4		P
Cobalt	mg/Kg	20	26.6		27.6		4		P
Copper	mg/Kg	20	28.0		30.3		8		P
Iron	mg/Kg	20	15800		18900		18		P
Lead	mg/Kg	20	57.2		60.7		6		P
Magnesium	mg/Kg	20	3230		3380		5		P
Manganese	mg/Kg	20	812		533		41	*	P
Nickel	mg/Kg	20	43.1		44.5		3		P
Potassium	mg/Kg	20	657		674		3		P
Selenium	mg/Kg	20	73.3		76.8		5		P
Silver	mg/Kg	20	2.39		1.99		18		P
Sodium	mg/Kg	20	266		295		10		P
Thallium	mg/Kg	20	94.8		97.4		3		P
Vanadium	mg/Kg	20	51.6		67.0		26	*	P
Zinc	mg/Kg	20	40.8		42.1		3		P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	SDG No.:	<u>Q2514</u>
Contract:	<u>CAMP02</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168740BS							
Aluminum	mg/Kg	100	98.9		99	80 - 120	P
Antimony	mg/Kg	40.0	40.0		100	80 - 120	P
Arsenic	mg/Kg	40.0	35.6		89	80 - 120	P
Barium	mg/Kg	10.0	9.99		100	80 - 120	P
Beryllium	mg/Kg	10.0	10.7		107	80 - 120	P
Cadmium	mg/Kg	10.0	9.41		94	80 - 120	P
Calcium	mg/Kg	50.0	51.1	J	102	80 - 120	P
Chromium	mg/Kg	20.0	20.3		102	80 - 120	P
Cobalt	mg/Kg	10.0	9.53		95	80 - 120	P
Copper	mg/Kg	15.0	16.3		109	80 - 120	P
Iron	mg/Kg	150	170		113	80 - 120	P
Lead	mg/Kg	50.0	47.1		94	80 - 120	P
Magnesium	mg/Kg	100	101		101	80 - 120	P
Manganese	mg/Kg	10.0	10.4		104	80 - 120	P
Nickel	mg/Kg	25.0	24.0		96	80 - 120	P
Potassium	mg/Kg	500	477		95	80 - 120	P
Selenium	mg/Kg	100	98.5		98	80 - 120	P
Silver	mg/Kg	3.8	3.56		94	80 - 120	P
Sodium	mg/Kg	150	157		105	80 - 120	P
Thallium	mg/Kg	100	99.9		100	80 - 120	P
Vanadium	mg/Kg	15.0	14.8		99	80 - 120	P
Zinc	mg/Kg	10.0	10.3		103	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168892BS Mercury	mg/Kg	0.25	0.24		98	80 - 120	CV

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

G1(6-12)L

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **Lb No.:** lb136499 **Lab Sample ID :** Q2487-16L **SDG No.:** Q2514
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.23	0.26	14		CV

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

WC-1L

Lab Name: Alliance Contract: CAMP02
Lab Code: ACE Lb No.: lb136534 Lab Sample ID : Q2515-01L SDG No.: Q2514
Matrix (soil/water): Solid Level (low/med): LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
Aluminum	10000		11800		17		P
Antimony	1.79	J	1.98	J	11		P
Arsenic	1.42		3.05	J	115		P
Barium	46.6		55.3		19		P
Beryllium	0.55		0.64	J	17		P
Cadmium	0.30	U	1.50	U			P
Calcium	2090		2520		20		P
Chromium	27.0		31.6		17		P
Cobalt	20.1		19.2		5		P
Copper	19.4		24.6		27		P
Iron	18900		27800		47		P
Lead	7.18		8.07		12		P
Magnesium	3810		4610		21		P
Manganese	693		842		21		P
Nickel	21.0		19.6		6		P
Potassium	245		241	J	2		P
Selenium	4.97		7.51		51		P
Silver	0.50	U	2.51	U			P
Sodium	203		248	J	22		P
Thallium	2.01	U	10.0	U			P
Vanadium	57.6		66.0		14		P
Zinc	31.9		38.8		22		P



METAL PREPARATION & INSTRUMENT DATA

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000720	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

- 11 -

ICP INTERELEMEN CORRECTION FACTORS

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0001020
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	-0.0004810
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Method:

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168740							
PB168740BL	PB168740BL	MB	SOLID	07/07/2025	2.00	100.0	100.00
PB168740BS	PB168740BS	LCS	SOLID	07/07/2025	2.00	100.0	100.00
Q2514-01	TP-92	SAM	SOLID	07/07/2025	2.29	100.0	87.40
Q2514-02	TP-93	SAM	SOLID	07/07/2025	2.27	100.0	87.70
Q2514-03	TP-94	SAM	SOLID	07/07/2025	2.37	100.0	88.10
Q2514-04	TP-96	SAM	SOLID	07/07/2025	2.36	100.0	85.80
Q2514-05	TP-97	SAM	SOLID	07/07/2025	2.45	100.0	85.00
Q2514-06	TP-103	SAM	SOLID	07/07/2025	2.18	100.0	86.50
Q2514-07	TP-36	SAM	SOLID	07/07/2025	2.37	100.0	90.30
Q2514-08	TP-78	SAM	SOLID	07/07/2025	2.42	100.0	86.30
Q2514-09	TP-81	SAM	SOLID	07/07/2025	2.17	100.0	86.30
Q2514-10	TP-90	SAM	SOLID	07/07/2025	2.21	100.0	91.60
Q2515-01DUP	WC-1DUP	DUP	SOLID	07/07/2025	2.39	100.0	87.50
Q2515-01MS	WC-1MS	MS	SOLID	07/07/2025	2.22	100.0	87.50
Q2515-01MSD	WC-1MSD	MSD	SOLID	07/07/2025	2.15	100.0	87.50

Metals

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SAMPLE PREPARATION SUMMARY

Client: CDM Smith

SDG No.: Q2514

Contract: CAMP02

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168892							
PB168892BL	PB168892BL	MB	SOLID	07/15/2025	0.55	35.0	100.00
PB168892BS	PB168892BS	LCS	SOLID	07/15/2025	0.57	35.0	100.00
Q2487-16DUP	G1(6-12)DUP	DUP	SOLID	07/15/2025	0.59	35.0	93.30
Q2487-16MS	G1(6-12)MS	MS	SOLID	07/15/2025	0.58	35.0	93.30
Q2487-16MSD	G1(6-12)MSD	MSD	SOLID	07/15/2025	0.57	35.0	93.30
Q2514-01	TP-92	SAM	SOLID	07/15/2025	0.56	35.0	87.40
Q2514-02	TP-93	SAM	SOLID	07/15/2025	0.57	35.0	87.70
Q2514-03	TP-94	SAM	SOLID	07/15/2025	0.56	35.0	88.10
Q2514-04	TP-96	SAM	SOLID	07/15/2025	0.56	35.0	85.80
Q2514-05	TP-97	SAM	SOLID	07/15/2025	0.55	35.0	85.00
Q2514-06	TP-103	SAM	SOLID	07/15/2025	0.58	35.0	86.50
Q2514-07	TP-36	SAM	SOLID	07/15/2025	0.51	35.0	90.30
Q2514-08	TP-78	SAM	SOLID	07/15/2025	0.54	35.0	86.30
Q2514-09	TP-81	SAM	SOLID	07/15/2025	0.52	35.0	86.30
Q2514-10	TP-90	SAM	SOLID	07/15/2025	0.56	35.0	91.60

metals
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ANALYSIS RUN LOG

Client: CDM Smith

Contract: CAMP02

Lab code: ACE

Sdg no.: Q2514

Instrument id number:

Method:

Run number: LB136407

Start date: 07/09/2025

End date: 07/09/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0939	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	0944	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	0948	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	0952	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	0957	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1001	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1005	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1017	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1022	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1026	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1031	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1035	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1048	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1057	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1147	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1156	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1254	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1258	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1405	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1428	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1527	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1533	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1639	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1643	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1750	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1754	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1854	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1858	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2514-01	TP-92	1	1934	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2514-02	TP-93	1	1939	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2514-03	TP-94	1	1943	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	1948	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	1952	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2514-04	TP-96	1	1956	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2514-05	TP-97	1	2001	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2514-06	TP-103	1	2005	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2514-07	TP-36	1	2010	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2514-08	TP-78	1	2014	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2514-09	TP-81	1	2019	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2514-10	TP-90	1	2023	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2041	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: CDM Smith

Contract: CAMP02

Lab code: ACE

Sdg no.: Q2514

Instrument id number: _____

Method: _____

Run number: LB136407

Start date: 07/09/2025

End date: 07/09/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCB10	CCB10	1	2045	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	2112	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	2116	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
- 14 -
ANALYSIS RUN LOG

Client: CDM Smith

Contract: CAMP02

Lab code: ACE

Sdg no.: Q2514

Instrument id number:

Method:

Run number: LB136434

Start date: 07/10/2025

End date: 07/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1646	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1650	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1655	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1659	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1703	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1707	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1839	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1851	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1855	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1901	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1911	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1915	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1943	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1954	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	2059	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	2104	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	2232	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	2236	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	2329	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	2353	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168740BL	PB168740BL	1	0034	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168740BS	PB168740BS	1	0038	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	0047	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	0051	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	0147	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	0223	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	0317	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	0326	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	0418	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	0427	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	0519	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	0524	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	0616	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	0621	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	0643	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	0647	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: CDM Smith

Contract: CAMP02

Lab code: ACE

Sdg no.: Q2514

Instrument id number: _____

Method: _____

Run number: LB136499

Start date: 07/16/2025

End date: 07/16/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1142	HG
S0.2	S0.2	1	1144	HG
S2.5	S2.5	1	1146	HG
S5	S5	1	1149	HG
S7.5	S7.5	1	1151	HG
S10	S10	1	1153	HG
ICV29	ICV29	1	1156	HG
ICB29	ICB29	1	1159	HG
CCV09	CCV09	1	1201	HG
CCB09	CCB09	1	1203	HG
CRA	CRA	1	1206	HG
CCV10	CCV10	1	1238	HG
CCB10	CCB10	1	1243	HG
PB168892BL	PB168892BL	1	1304	HG
PB168892BS	PB168892BS	1	1309	HG
CCV11	CCV11	1	1312	HG
CCB11	CCB11	1	1314	HG
Q2487-16DUP	G1(6-12)DUP	1	1335	HG
Q2487-16MS	G1(6-12)MS	1	1337	HG
CCV12	CCV12	1	1340	HG
CCB12	CCB12	1	1342	HG
Q2487-16MSD	G1(6-12)MSD	1	1345	HG
Q2514-01	TP-92	1	1347	HG
Q2514-02	TP-93	1	1349	HG
Q2514-03	TP-94	1	1351	HG
Q2514-04	TP-96	1	1354	HG
Q2514-05	TP-97	1	1356	HG
Q2514-06	TP-103	1	1358	HG
Q2514-07	TP-36	1	1401	HG
Q2514-08	TP-78	1	1403	HG
Q2514-09	TP-81	1	1405	HG
CCV13	CCV13	1	1407	HG
CCB13	CCB13	1	1410	HG
Q2514-10	TP-90	1	1412	HG
Q2487-16L	G1(6-12)L	5	1419	HG
CCV14	CCV14	1	1425	HG
CCB14	CCB14	1	1428	HG

metals
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ANALYSIS RUN LOG

Client: CDM Smith

Contract: CAMP02

Lab code: ACE

Sdg no.: Q2514

Instrument id number: _____

Method: _____

Run number: LB136534

Start date: 07/17/2025

End date: 07/17/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1323	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1328	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1333	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1338	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1343	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1348	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1414	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1424	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1429	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1439	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1446	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1451	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1456	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1501	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2515-01DUP	WC-1DUP	1	1514	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2515-01MS	WC-1MS	1	1524	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2515-01MSD	WC-1MSD	1	1529	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2515-01A	WC-1A	1	1534	Ag,Be,Co,Cu,Na,Sb,Se,V
Q2515-01L	WC-1L	5	1539	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1544	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1549	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1718	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1736	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1845	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1850	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	2011	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	2016	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	2046	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	2051	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn