

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Century Management Services, Inc

SDG No.: Q2666

Contract: CENT03

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
ICV37	Mercury	3.99	4.0	100	90 - 110	CV	07/23/2025	12:30	LB136585

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Lab Code: ACE

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Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV40	Mercury	5.03	5.0	101	90 - 110	CV	07/23/2025	12:34	LB136585
CCV41	Mercury	4.73	5.0	95	90 - 110	CV	07/23/2025	13:08	LB136585
CCV42	Mercury	4.59	5.0	92	90 - 110	CV	07/23/2025	13:39	LB136585
CCV43	Mercury	4.65	5.0	93	90 - 110	CV	07/23/2025	14:11	LB136585

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Client: Century Management Services, Inc

SDG No.: Q2666

Contract: CENT03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

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

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

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SDG No.: Q2666

Contract: CENT03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

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

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SDG No.: Q2666

Contract: CENT03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

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

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SDG No.: Q2666

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Lab Code: ACE

Initial Calibration Source: EPA

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

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SDG No.: Q2666

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

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SDG No.: Q2666

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

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Century Management Services, Inc

SDG No.: Q2666

Contract: CENT03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

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

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Century Management Services, Inc

SDG No.: Q2666

Contract: CENT03

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	7740	8000	97	90 - 110	P	07/24/2025	12:21	LB136611
	Antimony	4080	4000	102	90 - 110	P	07/24/2025	12:21	LB136611
	Arsenic	3810	4000	95	90 - 110	P	07/24/2025	12:21	LB136611
	Barium	7700	8000	96	90 - 110	P	07/24/2025	12:21	LB136611
	Beryllium	197	200	99	90 - 110	P	07/24/2025	12:21	LB136611
	Cadmium	2090	2000	104	90 - 110	P	07/24/2025	12:21	LB136611
	Calcium	19300	20000	97	90 - 110	P	07/24/2025	12:21	LB136611
	Chromium	793	800	99	90 - 110	P	07/24/2025	12:21	LB136611
	Cobalt	1950	2000	98	90 - 110	P	07/24/2025	12:21	LB136611
	Copper	999	1000	100	90 - 110	P	07/24/2025	12:21	LB136611
	Iron	3950	4000	99	90 - 110	P	07/24/2025	12:21	LB136611
	Lead	3940	4000	99	90 - 110	P	07/24/2025	12:21	LB136611
	Magnesium	19400	20000	97	90 - 110	P	07/24/2025	12:21	LB136611
	Manganese	1940	2000	97	90 - 110	P	07/24/2025	12:21	LB136611
	Nickel	1950	2000	98	90 - 110	P	07/24/2025	12:21	LB136611
	Potassium	19300	20000	96	90 - 110	P	07/24/2025	12:21	LB136611
	Selenium	3830	4000	96	90 - 110	P	07/24/2025	12:21	LB136611
	Silver	1080	1000	108	90 - 110	P	07/24/2025	12:21	LB136611
	Sodium	19300	20000	96	90 - 110	P	07/24/2025	12:21	LB136611
	Thallium	3640	4000	91	90 - 110	P	07/24/2025	12:21	LB136611
	Vanadium	1930	2000	97	90 - 110	P	07/24/2025	12:21	LB136611
	Zinc	1970	2000	99	90 - 110	P	07/24/2025	12:21	LB136611

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Century Management Services, Inc

SDG No.: Q2666

Contract: CENT03

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	110	100	110	80 - 120	P	07/24/2025	13:51	LB136611
	Antimony	51.6	50.0	103	80 - 120	P	07/24/2025	13:51	LB136611
	Arsenic	20.1	20.0	100	80 - 120	P	07/24/2025	13:51	LB136611
	Barium	103	100	103	80 - 120	P	07/24/2025	13:51	LB136611
	Beryllium	6.39	6.0	106	80 - 120	P	07/24/2025	13:51	LB136611
	Cadmium	5.47	6.0	91	80 - 120	P	07/24/2025	13:51	LB136611
	Calcium	2100	2000	105	80 - 120	P	07/24/2025	13:51	LB136611
	Chromium	10.3	10.0	103	80 - 120	P	07/24/2025	13:51	LB136611
	Cobalt	30.8	30.0	102	80 - 120	P	07/24/2025	13:51	LB136611
	Copper	22.6	20.0	113	80 - 120	P	07/24/2025	13:51	LB136611
	Iron	105	100	105	80 - 120	P	07/24/2025	13:51	LB136611
	Lead	13.7	12.0	114	80 - 120	P	07/24/2025	13:51	LB136611
	Magnesium	2120	2000	106	80 - 120	P	07/24/2025	13:51	LB136611
	Manganese	21.3	20.0	106	80 - 120	P	07/24/2025	13:51	LB136611
	Nickel	41.6	40.0	104	80 - 120	P	07/24/2025	13:51	LB136611
	Potassium	1880	2000	94	80 - 120	P	07/24/2025	13:51	LB136611
	Selenium	21.4	20.0	107	80 - 120	P	07/24/2025	13:51	LB136611
	Silver	11.0	10.0	110	80 - 120	P	07/24/2025	13:51	LB136611
	Sodium	1930	2000	96	80 - 120	P	07/24/2025	13:51	LB136611
	Thallium	37.7	40.0	94	80 - 120	P	07/24/2025	13:51	LB136611
	Vanadium	39.8	40.0	100	80 - 120	P	07/24/2025	13:51	LB136611
	Zinc	43.5	40.0	109	80 - 120	P	07/24/2025	13:51	LB136611

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Century Management Services, Inc

SDG No.: Q2666

Contract: CENT03

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10000	10000	100	90 - 110	P	07/24/2025	14:45	LB136611
	Antimony	5120	5000	102	90 - 110	P	07/24/2025	14:45	LB136611
	Arsenic	5100	5000	102	90 - 110	P	07/24/2025	14:45	LB136611
	Barium	10000	10000	100	90 - 110	P	07/24/2025	14:45	LB136611
	Beryllium	247	250	99	90 - 110	P	07/24/2025	14:45	LB136611
	Cadmium	2400	2500	96	90 - 110	P	07/24/2025	14:45	LB136611
	Calcium	24900	25000	100	90 - 110	P	07/24/2025	14:45	LB136611
	Chromium	1000	1000	100	90 - 110	P	07/24/2025	14:45	LB136611
	Cobalt	2520	2500	101	90 - 110	P	07/24/2025	14:45	LB136611
	Copper	1280	1250	103	90 - 110	P	07/24/2025	14:45	LB136611
	Iron	5130	5000	103	90 - 110	P	07/24/2025	14:45	LB136611
	Lead	4990	5000	100	90 - 110	P	07/24/2025	14:45	LB136611
	Magnesium	24800	25000	99	90 - 110	P	07/24/2025	14:45	LB136611
	Manganese	2500	2500	100	90 - 110	P	07/24/2025	14:45	LB136611
	Nickel	2530	2500	101	90 - 110	P	07/24/2025	14:45	LB136611
	Potassium	25400	25000	102	90 - 110	P	07/24/2025	14:45	LB136611
	Selenium	5080	5000	102	90 - 110	P	07/24/2025	14:45	LB136611
	Silver	1270	1250	102	90 - 110	P	07/24/2025	14:45	LB136611
	Sodium	25400	25000	102	90 - 110	P	07/24/2025	14:45	LB136611
	Thallium	4750	5000	95	90 - 110	P	07/24/2025	14:45	LB136611
	Vanadium	2510	2500	100	90 - 110	P	07/24/2025	14:45	LB136611
	Zinc	2560	2500	103	90 - 110	P	07/24/2025	14:45	LB136611
CCV02	Aluminum	9850	10000	98	90 - 110	P	07/24/2025	15:39	LB136611
	Antimony	5120	5000	102	90 - 110	P	07/24/2025	15:39	LB136611
	Arsenic	5050	5000	101	90 - 110	P	07/24/2025	15:39	LB136611
	Barium	10000	10000	100	90 - 110	P	07/24/2025	15:39	LB136611
	Beryllium	246	250	98	90 - 110	P	07/24/2025	15:39	LB136611
	Cadmium	2330	2500	93	90 - 110	P	07/24/2025	15:39	LB136611
	Calcium	24800	25000	99	90 - 110	P	07/24/2025	15:39	LB136611
	Chromium	967	1000	97	90 - 110	P	07/24/2025	15:39	LB136611
	Cobalt	2470	2500	99	90 - 110	P	07/24/2025	15:39	LB136611
	Copper	1260	1250	101	90 - 110	P	07/24/2025	15:39	LB136611
	Iron	5020	5000	100	90 - 110	P	07/24/2025	15:39	LB136611
	Lead	4870	5000	97	90 - 110	P	07/24/2025	15:39	LB136611

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Century Management Services, Inc

SDG No.: Q2666

Contract: CENT03

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	24000	25000	96	90 - 110	P	07/24/2025	15:39	LB136611
	Manganese	2480	2500	99	90 - 110	P	07/24/2025	15:39	LB136611
	Nickel	2470	2500	99	90 - 110	P	07/24/2025	15:39	LB136611
	Potassium	25500	25000	102	90 - 110	P	07/24/2025	15:39	LB136611
	Selenium	5100	5000	102	90 - 110	P	07/24/2025	15:39	LB136611
	Silver	1260	1250	101	90 - 110	P	07/24/2025	15:39	LB136611
	Sodium	24200	25000	97	90 - 110	P	07/24/2025	15:39	LB136611
	Thallium	5150	5000	103	90 - 110	P	07/24/2025	15:39	LB136611
	Vanadium	2460	2500	99	90 - 110	P	07/24/2025	15:39	LB136611
	Zinc	2540	2500	102	90 - 110	P	07/24/2025	15:39	LB136611
CCV03	Aluminum	10100	10000	101	90 - 110	P	07/24/2025	16:34	LB136611
	Antimony	5230	5000	105	90 - 110	P	07/24/2025	16:34	LB136611
	Arsenic	5140	5000	103	90 - 110	P	07/24/2025	16:34	LB136611
	Barium	10500	10000	105	90 - 110	P	07/24/2025	16:34	LB136611
	Beryllium	249	250	100	90 - 110	P	07/24/2025	16:34	LB136611
	Cadmium	2280	2500	91	90 - 110	P	07/24/2025	16:34	LB136611
	Calcium	25500	25000	102	90 - 110	P	07/24/2025	16:34	LB136611
	Chromium	967	1000	97	90 - 110	P	07/24/2025	16:34	LB136611
	Cobalt	2480	2500	99	90 - 110	P	07/24/2025	16:34	LB136611
	Copper	1270	1250	102	90 - 110	P	07/24/2025	16:34	LB136611
	Iron	5160	5000	103	90 - 110	P	07/24/2025	16:34	LB136611
	Lead	4870	5000	98	90 - 110	P	07/24/2025	16:34	LB136611
	Magnesium	24300	25000	97	90 - 110	P	07/24/2025	16:34	LB136611
	Manganese	2540	2500	102	90 - 110	P	07/24/2025	16:34	LB136611
	Nickel	2480	2500	99	90 - 110	P	07/24/2025	16:34	LB136611
	Potassium	26200	25000	105	90 - 110	P	07/24/2025	16:34	LB136611
	Selenium	5180	5000	104	90 - 110	P	07/24/2025	16:34	LB136611
	Silver	1280	1250	102	90 - 110	P	07/24/2025	16:34	LB136611
	Sodium	24900	25000	100	90 - 110	P	07/24/2025	16:34	LB136611
	Thallium	4940	5000	99	90 - 110	P	07/24/2025	16:34	LB136611
	Vanadium	2520	2500	101	90 - 110	P	07/24/2025	16:34	LB136611
	Zinc	2570	2500	103	90 - 110	P	07/24/2025	16:34	LB136611