

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q2681

Contract: CORE02

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
ICV40	Mercury	4.28	4.0	107	90 - 110	CV	07/28/2025	11:45	LB136633

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CCV51	Mercury	5.33	5.0	107	90 - 110	CV	07/28/2025	11:50	LB136633
CCV52	Mercury	5.16	5.0	103	90 - 110	CV	07/28/2025	12:23	LB136633
CCV53	Mercury	4.98	5.0	100	90 - 110	CV	07/28/2025	12:50	LB136633
CCV54	Mercury	4.92	5.0	98	90 - 110	CV	07/28/2025	13:11	LB136633
CCV55	Mercury	4.77	5.0	95	90 - 110	CV	07/28/2025	13:24	LB136633

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	3810	4000	95	90 - 110	P	07/28/2025	11:38	LB136640
	Barium	7980	8000	100	90 - 110	P	07/28/2025	11:38	LB136640
	Cadmium	1890	2000	95	90 - 110	P	07/28/2025	11:38	LB136640
	Chromium	809	800	101	90 - 110	P	07/28/2025	11:38	LB136640
	Lead	3900	4000	98	90 - 110	P	07/28/2025	11:38	LB136640
	Selenium	3850	4000	96	90 - 110	P	07/28/2025	11:38	LB136640
	Silver	1050	1000	105	90 - 110	P	07/28/2025	11:38	LB136640

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LLICV01	Arsenic	20.3	20.0	102	80 - 120	P	07/28/2025	11:53	LB136640
	Barium	103	100	103	80 - 120	P	07/28/2025	11:53	LB136640
	Cadmium	5.63	6.0	94	80 - 120	P	07/28/2025	11:53	LB136640
	Chromium	10.6	10.0	106	80 - 120	P	07/28/2025	11:53	LB136640
	Lead	11.8	12.0	98	80 - 120	P	07/28/2025	11:53	LB136640
	Selenium	21.6	20.0	108	80 - 120	P	07/28/2025	11:53	LB136640
	Silver	10.7	10.0	107	80 - 120	P	07/28/2025	11:53	LB136640

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CCV01	Arsenic	4990	5000	100	90 - 110	P	07/28/2025	12:29	LB136640
	Barium	10200	10000	102	90 - 110	P	07/28/2025	12:29	LB136640
	Cadmium	2390	2500	96	90 - 110	P	07/28/2025	12:29	LB136640
	Chromium	962	1000	96	90 - 110	P	07/28/2025	12:29	LB136640
	Lead	4900	5000	98	90 - 110	P	07/28/2025	12:29	LB136640
	Selenium	5040	5000	101	90 - 110	P	07/28/2025	12:29	LB136640
	Silver	1260	1250	100	90 - 110	P	07/28/2025	12:29	LB136640
CCV02	Arsenic	5000	5000	100	90 - 110	P	07/28/2025	13:27	LB136640
	Barium	9910	10000	99	90 - 110	P	07/28/2025	13:27	LB136640
	Cadmium	2340	2500	94	90 - 110	P	07/28/2025	13:27	LB136640
	Chromium	964	1000	96	90 - 110	P	07/28/2025	13:27	LB136640
	Lead	4910	5000	98	90 - 110	P	07/28/2025	13:27	LB136640
	Selenium	5050	5000	101	90 - 110	P	07/28/2025	13:27	LB136640
	Silver	1240	1250	100	90 - 110	P	07/28/2025	13:27	LB136640
CCV03	Arsenic	5000	5000	100	90 - 110	P	07/28/2025	14:35	LB136640
	Barium	10100	10000	101	90 - 110	P	07/28/2025	14:35	LB136640
	Cadmium	2260	2500	90	90 - 110	P	07/28/2025	14:35	LB136640
	Chromium	975	1000	98	90 - 110	P	07/28/2025	14:35	LB136640
	Lead	4850	5000	97	90 - 110	P	07/28/2025	14:35	LB136640
	Selenium	5060	5000	101	90 - 110	P	07/28/2025	14:35	LB136640
	Silver	1260	1250	101	90 - 110	P	07/28/2025	14:35	LB136640
CCV04	Arsenic	5170	5000	103	90 - 110	P	07/28/2025	15:40	LB136640
	Barium	10300	10000	103	90 - 110	P	07/28/2025	15:40	LB136640
	Cadmium	2290	2500	92	90 - 110	P	07/28/2025	15:40	LB136640
	Chromium	955	1000	96	90 - 110	P	07/28/2025	15:40	LB136640
	Lead	4910	5000	98	90 - 110	P	07/28/2025	15:40	LB136640
	Selenium	5300	5000	106	90 - 110	P	07/28/2025	15:40	LB136640
	Silver	1280	1250	102	90 - 110	P	07/28/2025	15:40	LB136640
CCV05	Arsenic	5130	5000	103	90 - 110	P	07/28/2025	16:58	LB136640
	Barium	10500	10000	105	90 - 110	P	07/28/2025	16:58	LB136640
	Cadmium	2260	2500	90	90 - 110	P	07/28/2025	16:58	LB136640
	Chromium	923	1000	92	90 - 110	P	07/28/2025	16:58	LB136640
	Lead	4790	5000	96	90 - 110	P	07/28/2025	16:58	LB136640
	Selenium	5310	5000	106	90 - 110	P	07/28/2025	16:58	LB136640

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CCV05	Silver	1270	1250	102	90 - 110	P	07/28/2025	16:58	LB136640