

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Homeowner

SDG No.: Q3603

Contract: HOME01

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
ICV124	Mercury	3.94	4.0	98	95 - 105	CV	11/21/2025	12:29	LB138004

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV22	Mercury	5.03	5.0	101	90 - 110	CV	11/21/2025	12:34	LB138004
CCV23	Mercury	4.97	5.0	99	90 - 110	CV	11/21/2025	13:01	LB138004
CCV24	Mercury	5.08	5.0	102	90 - 110	CV	11/21/2025	13:13	LB138004

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7770	8000	97	95 - 105	P	11/12/2025	16:56	LB137883
	Antimony	4140	4000	103	95 - 105	P	11/12/2025	16:56	LB137883
	Arsenic	4150	4000	104	95 - 105	P	11/12/2025	16:56	LB137883
	Barium	7600	8000	95	95 - 105	P	11/12/2025	16:56	LB137883
	Beryllium	196	200	98	95 - 105	P	11/12/2025	16:56	LB137883
	Cadmium	2010	2000	101	95 - 105	P	11/12/2025	16:56	LB137883
	Calcium	19200	20000	96	95 - 105	P	11/12/2025	16:56	LB137883
	Chromium	803	800	100	95 - 105	P	11/12/2025	16:56	LB137883
	Cobalt	1950	2000	98	95 - 105	P	11/12/2025	16:56	LB137883
	Copper	1010	1000	101	95 - 105	P	11/12/2025	16:56	LB137883
	Iron	3900	4000	97	95 - 105	P	11/12/2025	16:56	LB137883
	Lead	3980	4000	100	95 - 105	P	11/12/2025	16:56	LB137883
	Magnesium	19400	20000	97	95 - 105	P	11/12/2025	16:56	LB137883
	Manganese	1920	2000	96	95 - 105	P	11/12/2025	16:56	LB137883
	Nickel	1950	2000	97	95 - 105	P	11/12/2025	16:56	LB137883
	Potassium	19200	20000	96	95 - 105	P	11/12/2025	16:56	LB137883
	Selenium	4120	4000	103	95 - 105	P	11/12/2025	16:56	LB137883
	Silver	1040	1000	104	95 - 105	P	11/12/2025	16:56	LB137883
	Sodium	19900	20000	99	95 - 105	P	11/12/2025	16:56	LB137883
	Thallium	4180	4000	104	95 - 105	P	11/12/2025	16:56	LB137883
	Vanadium	1930	2000	96	95 - 105	P	11/12/2025	16:56	LB137883
	Zinc	1960	2000	98	95 - 105	P	11/12/2025	16:56	LB137883

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LLICV01	Aluminum	107	100	107	80 - 120	P	11/12/2025	17:25	LB137883
	Antimony	50.6	50.0	101	80 - 120	P	11/12/2025	17:25	LB137883
	Arsenic	21.5	20.0	107	80 - 120	P	11/12/2025	17:25	LB137883
	Barium	101	100	101	80 - 120	P	11/12/2025	17:25	LB137883
	Beryllium	6.47	6.0	108	80 - 120	P	11/12/2025	17:25	LB137883
	Cadmium	5.74	6.0	96	80 - 120	P	11/12/2025	17:25	LB137883
	Calcium	1920	2000	96	80 - 120	P	11/12/2025	17:25	LB137883
	Chromium	10.2	10.0	102	80 - 120	P	11/12/2025	17:25	LB137883
	Cobalt	28.6	30.0	95	80 - 120	P	11/12/2025	17:25	LB137883
	Copper	21.5	20.0	107	80 - 120	P	11/12/2025	17:25	LB137883
	Iron	103	100	103	80 - 120	P	11/12/2025	17:25	LB137883
	Lead	9.89	12.0	82	80 - 120	P	11/12/2025	17:25	LB137883
	Magnesium	2170	2000	109	80 - 120	P	11/12/2025	17:25	LB137883
	Manganese	20.0	20.0	100	80 - 120	P	11/12/2025	17:25	LB137883
	Nickel	37.7	40.0	94	80 - 120	P	11/12/2025	17:25	LB137883
	Potassium	1710	2000	86	80 - 120	P	11/12/2025	17:25	LB137883
	Selenium	17.6	20.0	88	80 - 120	P	11/12/2025	17:25	LB137883
	Silver	11.2	10.0	112	80 - 120	P	11/12/2025	17:25	LB137883
	Sodium	1940	2000	97	80 - 120	P	11/12/2025	17:25	LB137883
	Thallium	35.9	40.0	90	80 - 120	P	11/12/2025	17:25	LB137883
	Vanadium	36.0	40.0	90	80 - 120	P	11/12/2025	17:25	LB137883
	Zinc	40.1	40.0	100	80 - 120	P	11/12/2025	17:25	LB137883

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9640	10000	96	90 - 110	P	11/12/2025	18:01	LB137883
	Antimony	4870	5000	98	90 - 110	P	11/12/2025	18:01	LB137883
	Arsenic	5040	5000	101	90 - 110	P	11/12/2025	18:01	LB137883
	Barium	9410	10000	94	90 - 110	P	11/12/2025	18:01	LB137883
	Beryllium	232	250	93	90 - 110	P	11/12/2025	18:01	LB137883
	Cadmium	2390	2500	96	90 - 110	P	11/12/2025	18:01	LB137883
	Calcium	24000	25000	96	90 - 110	P	11/12/2025	18:01	LB137883
	Chromium	985	1000	98	90 - 110	P	11/12/2025	18:01	LB137883
	Cobalt	2390	2500	96	90 - 110	P	11/12/2025	18:01	LB137883
	Copper	1210	1250	97	90 - 110	P	11/12/2025	18:01	LB137883
	Iron	5090	5000	102	90 - 110	P	11/12/2025	18:01	LB137883
	Lead	4730	5000	95	90 - 110	P	11/12/2025	18:01	LB137883
	Magnesium	23900	25000	96	90 - 110	P	11/12/2025	18:01	LB137883
	Manganese	2350	2500	94	90 - 110	P	11/12/2025	18:01	LB137883
	Nickel	2370	2500	95	90 - 110	P	11/12/2025	18:01	LB137883
	Potassium	24600	25000	99	90 - 110	P	11/12/2025	18:01	LB137883
	Selenium	4800	5000	96	90 - 110	P	11/12/2025	18:01	LB137883
	Silver	1200	1250	96	90 - 110	P	11/12/2025	18:01	LB137883
	Sodium	25300	25000	101	90 - 110	P	11/12/2025	18:01	LB137883
	Thallium	5140	5000	103	90 - 110	P	11/12/2025	18:01	LB137883
	Vanadium	2400	2500	96	90 - 110	P	11/12/2025	18:01	LB137883
	Zinc	2410	2500	96	90 - 110	P	11/12/2025	18:01	LB137883
CCV02	Aluminum	9660	10000	97	90 - 110	P	11/12/2025	19:04	LB137883
	Antimony	4950	5000	99	90 - 110	P	11/12/2025	19:04	LB137883
	Arsenic	5130	5000	102	90 - 110	P	11/12/2025	19:04	LB137883
	Barium	9190	10000	92	90 - 110	P	11/12/2025	19:04	LB137883
	Beryllium	241	250	96	90 - 110	P	11/12/2025	19:04	LB137883
	Cadmium	2410	2500	96	90 - 110	P	11/12/2025	19:04	LB137883
	Calcium	23800	25000	95	90 - 110	P	11/12/2025	19:04	LB137883
	Chromium	1000	1000	100	90 - 110	P	11/12/2025	19:04	LB137883
	Cobalt	2400	2500	96	90 - 110	P	11/12/2025	19:04	LB137883
	Copper	1210	1250	97	90 - 110	P	11/12/2025	19:04	LB137883
	Iron	4840	5000	97	90 - 110	P	11/12/2025	19:04	LB137883
	Lead	4790	5000	96	90 - 110	P	11/12/2025	19:04	LB137883

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CCV02	Magnesium	23900	25000	96	90 - 110	P	11/12/2025	19:04	LB137883
	Manganese	2300	2500	92	90 - 110	P	11/12/2025	19:04	LB137883
	Nickel	2380	2500	95	90 - 110	P	11/12/2025	19:04	LB137883
	Potassium	24600	25000	98	90 - 110	P	11/12/2025	19:04	LB137883
	Selenium	4910	5000	98	90 - 110	P	11/12/2025	19:04	LB137883
	Silver	1210	1250	97	90 - 110	P	11/12/2025	19:04	LB137883
	Sodium	25500	25000	102	90 - 110	P	11/12/2025	19:04	LB137883
	Thallium	5390	5000	108	90 - 110	P	11/12/2025	19:04	LB137883
	Vanadium	2390	2500	96	90 - 110	P	11/12/2025	19:04	LB137883
	Zinc	2470	2500	99	90 - 110	P	11/12/2025	19:04	LB137883
CCV03	Aluminum	9770	10000	98	90 - 110	P	11/12/2025	20:29	LB137883
	Antimony	5060	5000	101	90 - 110	P	11/12/2025	20:29	LB137883
	Arsenic	5220	5000	104	90 - 110	P	11/12/2025	20:29	LB137883
	Barium	9550	10000	96	90 - 110	P	11/12/2025	20:29	LB137883
	Beryllium	225	250	90	90 - 110	P	11/12/2025	20:29	LB137883
	Cadmium	2400	2500	96	90 - 110	P	11/12/2025	20:29	LB137883
	Calcium	24100	25000	96	90 - 110	P	11/12/2025	20:29	LB137883
	Chromium	1000	1000	100	90 - 110	P	11/12/2025	20:29	LB137883
	Cobalt	2410	2500	96	90 - 110	P	11/12/2025	20:29	LB137883
	Copper	1230	1250	98	90 - 110	P	11/12/2025	20:29	LB137883
	Iron	5390	5000	108	90 - 110	P	11/12/2025	20:29	LB137883
	Lead	4770	5000	95	90 - 110	P	11/12/2025	20:29	LB137883
	Magnesium	23900	25000	96	90 - 110	P	11/12/2025	20:29	LB137883
	Manganese	2360	2500	95	90 - 110	P	11/12/2025	20:29	LB137883
	Nickel	2380	2500	95	90 - 110	P	11/12/2025	20:29	LB137883
	Potassium	25900	25000	104	90 - 110	P	11/12/2025	20:29	LB137883
	Selenium	5020	5000	100	90 - 110	P	11/12/2025	20:29	LB137883
	Silver	1240	1250	99	90 - 110	P	11/12/2025	20:29	LB137883
	Sodium	27000	25000	108	90 - 110	P	11/12/2025	20:29	LB137883
	Thallium	5290	5000	106	90 - 110	P	11/12/2025	20:29	LB137883
	Vanadium	2430	2500	97	90 - 110	P	11/12/2025	20:29	LB137883
	Zinc	2600	2500	104	90 - 110	P	11/12/2025	20:29	LB137883
CCV04	Aluminum	9370	10000	94	90 - 110	P	11/12/2025	21:46	LB137883
	Antimony	4830	5000	97	90 - 110	P	11/12/2025	21:46	LB137883

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CCV04	Arsenic	5310	5000	106	90 - 110	P	11/12/2025	21:46	LB137883
	Barium	9420	10000	94	90 - 110	P	11/12/2025	21:46	LB137883
	Beryllium	253	250	101	90 - 110	P	11/12/2025	21:46	LB137883
	Cadmium	2640	2500	105	90 - 110	P	11/12/2025	21:46	LB137883
	Calcium	24100	25000	96	90 - 110	P	11/12/2025	21:46	LB137883
	Chromium	1100	1000	110	90 - 110	P	11/12/2025	21:46	LB137883
	Cobalt	2570	2500	103	90 - 110	P	11/12/2025	21:46	LB137883
	Copper	1270	1250	101	90 - 110	P	11/12/2025	21:46	LB137883
	Iron	5460	5000	109	90 - 110	P	11/12/2025	21:46	LB137883
	Lead	5200	5000	104	90 - 110	P	11/12/2025	21:46	LB137883
	Magnesium	24100	25000	96	90 - 110	P	11/12/2025	21:46	LB137883
	Manganese	2260	2500	90	90 - 110	P	11/12/2025	21:46	LB137883
	Nickel	2580	2500	103	90 - 110	P	11/12/2025	21:46	LB137883
	Potassium	22600	25000	90	90 - 110	P	11/12/2025	21:46	LB137883
	Selenium	5170	5000	103	90 - 110	P	11/12/2025	21:46	LB137883
	Silver	1350	1250	108	90 - 110	P	11/12/2025	21:46	LB137883
	Sodium	23500	25000	94	90 - 110	P	11/12/2025	21:46	LB137883
	Thallium	5320	5000	106	90 - 110	P	11/12/2025	21:46	LB137883
	Vanadium	2390	2500	96	90 - 110	P	11/12/2025	21:46	LB137883
	Zinc	2470	2500	99	90 - 110	P	11/12/2025	21:46	LB137883
CCV05	Aluminum	9720	10000	97	90 - 110	P	11/12/2025	22:16	LB137883
	Antimony	4820	5000	96	90 - 110	P	11/12/2025	22:16	LB137883
	Arsenic	5030	5000	100	90 - 110	P	11/12/2025	22:16	LB137883
	Barium	9330	10000	93	90 - 110	P	11/12/2025	22:16	LB137883
	Beryllium	234	250	94	90 - 110	P	11/12/2025	22:16	LB137883
	Cadmium	2420	2500	97	90 - 110	P	11/12/2025	22:16	LB137883
	Calcium	23900	25000	96	90 - 110	P	11/12/2025	22:16	LB137883
	Chromium	1000	1000	100	90 - 110	P	11/12/2025	22:16	LB137883
	Cobalt	2420	2500	97	90 - 110	P	11/12/2025	22:16	LB137883
	Copper	1210	1250	97	90 - 110	P	11/12/2025	22:16	LB137883
	Iron	5030	5000	101	90 - 110	P	11/12/2025	22:16	LB137883
	Lead	4740	5000	95	90 - 110	P	11/12/2025	22:16	LB137883
	Magnesium	23800	25000	95	90 - 110	P	11/12/2025	22:16	LB137883
	Manganese	2590	2500	104	90 - 110	P	11/12/2025	22:16	LB137883

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CCV05	Nickel	2400	2500	96	90 - 110	P	11/12/2025	22:16	LB137883
	Potassium	25500	25000	102	90 - 110	P	11/12/2025	22:16	LB137883
	Selenium	4790	5000	96	90 - 110	P	11/12/2025	22:16	LB137883
	Silver	1260	1250	101	90 - 110	P	11/12/2025	22:16	LB137883
	Sodium	26000	25000	104	90 - 110	P	11/12/2025	22:16	LB137883
	Thallium	4610	5000	92	90 - 110	P	11/12/2025	22:16	LB137883
	Vanadium	2390	2500	96	90 - 110	P	11/12/2025	22:16	LB137883
	Zinc	2340	2500	94	90 - 110	P	11/12/2025	22:16	LB137883
CCV06	Aluminum	9940	10000	99	90 - 110	P	11/12/2025	22:53	LB137883
	Antimony	4860	5000	97	90 - 110	P	11/12/2025	22:53	LB137883
	Arsenic	5080	5000	102	90 - 110	P	11/12/2025	22:53	LB137883
	Barium	9580	10000	96	90 - 110	P	11/12/2025	22:53	LB137883
	Beryllium	243	250	97	90 - 110	P	11/12/2025	22:53	LB137883
	Cadmium	2430	2500	97	90 - 110	P	11/12/2025	22:53	LB137883
	Calcium	24300	25000	97	90 - 110	P	11/12/2025	22:53	LB137883
	Chromium	1000	1000	100	90 - 110	P	11/12/2025	22:53	LB137883
	Cobalt	2440	2500	98	90 - 110	P	11/12/2025	22:53	LB137883
	Copper	1220	1250	97	90 - 110	P	11/12/2025	22:53	LB137883
	Iron	4880	5000	98	90 - 110	P	11/12/2025	22:53	LB137883
	Lead	4780	5000	96	90 - 110	P	11/12/2025	22:53	LB137883
	Magnesium	24100	25000	96	90 - 110	P	11/12/2025	22:53	LB137883
	Manganese	2630	2500	105	90 - 110	P	11/12/2025	22:53	LB137883
	Nickel	2410	2500	96	90 - 110	P	11/12/2025	22:53	LB137883
	Potassium	24800	25000	99	90 - 110	P	11/12/2025	22:53	LB137883
	Selenium	4860	5000	97	90 - 110	P	11/12/2025	22:53	LB137883
	Silver	1260	1250	101	90 - 110	P	11/12/2025	22:53	LB137883
	Sodium	25300	25000	101	90 - 110	P	11/12/2025	22:53	LB137883
	Thallium	4840	5000	97	90 - 110	P	11/12/2025	22:53	LB137883
	Vanadium	2450	2500	98	90 - 110	P	11/12/2025	22:53	LB137883
	Zinc	2380	2500	95	90 - 110	P	11/12/2025	22:53	LB137883