

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Ardmore Chemical

SDG No.: Q3098

Contract: ARDM01

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
ICV35	Mercury	4.03	4.0	101	95 - 105	CV	09/18/2025	13:24	LB137221

Metals

- 2a -

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV09	Mercury	4.97	5.0	100	90 - 110	CV	09/18/2025	13:29	LB137221
CCV10	Mercury	4.92	5.0	98	90 - 110	CV	09/18/2025	14:36	LB137221
CCV11	Mercury	5.24	5.0	105	90 - 110	CV	09/18/2025	14:49	LB137221

Metals

- 2a -

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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	Cadmium	1990	2000	99	95 - 105	P	09/16/2025	11:19	LB137209
	Copper	1030	1000	103	95 - 105	P	09/16/2025	11:19	LB137209
	Lead	3900	4000	98	95 - 105	P	09/16/2025	11:19	LB137209
	Nickel	2000	2000	100	95 - 105	P	09/16/2025	11:19	LB137209
	Zinc	2030	2000	102	95 - 105	P	09/16/2025	11:19	LB137209

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Cadmium	5.24	6.0	87	80 - 120	P	09/16/2025	11:29	LB137209
	Copper	19.7	20.0	98	80 - 120	P	09/16/2025	11:29	LB137209
	Lead	10.5	12.0	88	80 - 120	P	09/16/2025	11:29	LB137209
	Nickel	36.8	40.0	92	80 - 120	P	09/16/2025	11:29	LB137209
	Zinc	41.2	40.0	103	80 - 120	P	09/16/2025	11:29	LB137209

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Cadmium	2480	2500	99	90 - 110	P	09/16/2025	11:59	LB137209
	Copper	1250	1250	100	90 - 110	P	09/16/2025	11:59	LB137209
	Lead	4850	5000	97	90 - 110	P	09/16/2025	11:59	LB137209
	Nickel	2470	2500	99	90 - 110	P	09/16/2025	11:59	LB137209
	Zinc	2540	2500	102	90 - 110	P	09/16/2025	11:59	LB137209
CCV02	Cadmium	2460	2500	98	90 - 110	P	09/16/2025	13:39	LB137209
	Copper	1260	1250	100	90 - 110	P	09/16/2025	13:39	LB137209
	Lead	4890	5000	98	90 - 110	P	09/16/2025	13:39	LB137209
	Nickel	2460	2500	98	90 - 110	P	09/16/2025	13:39	LB137209
	Zinc	2420	2500	97	90 - 110	P	09/16/2025	13:39	LB137209
CCV03	Cadmium	2360	2500	94	90 - 110	P	09/16/2025	14:40	LB137209
	Copper	1200	1250	96	90 - 110	P	09/16/2025	14:40	LB137209
	Lead	4710	5000	94	90 - 110	P	09/16/2025	14:40	LB137209
	Nickel	2360	2500	94	90 - 110	P	09/16/2025	14:40	LB137209
	Zinc	2420	2500	97	90 - 110	P	09/16/2025	14:40	LB137209
CCV04	Cadmium	2350	2500	94	90 - 110	P	09/16/2025	15:32	LB137209
	Copper	1200	1250	96	90 - 110	P	09/16/2025	15:32	LB137209
	Lead	4680	5000	94	90 - 110	P	09/16/2025	15:32	LB137209
	Nickel	2360	2500	94	90 - 110	P	09/16/2025	15:32	LB137209
	Zinc	2390	2500	96	90 - 110	P	09/16/2025	15:32	LB137209
CCV05	Cadmium	2410	2500	96	90 - 110	P	09/16/2025	16:27	LB137209
	Copper	1230	1250	98	90 - 110	P	09/16/2025	16:27	LB137209
	Lead	4820	5000	96	90 - 110	P	09/16/2025	16:27	LB137209
	Nickel	2410	2500	96	90 - 110	P	09/16/2025	16:27	LB137209
	Zinc	2490	2500	100	90 - 110	P	09/16/2025	16:27	LB137209
CCV06	Cadmium	2430	2500	97	90 - 110	P	09/16/2025	16:48	LB137209
	Copper	1230	1250	98	90 - 110	P	09/16/2025	16:48	LB137209
	Lead	4820	5000	96	90 - 110	P	09/16/2025	16:48	LB137209
	Nickel	2420	2500	97	90 - 110	P	09/16/2025	16:48	LB137209
	Zinc	2470	2500	99	90 - 110	P	09/16/2025	16:48	LB137209

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Cadmium	1900	2000	95	95 - 105	P	09/19/2025	12:02	LB137251
	Copper	987	1000	99	95 - 105	P	09/19/2025	12:02	LB137251
	Lead	3820	4000	95	95 - 105	P	09/19/2025	12:02	LB137251
	Nickel	1930	2000	97	95 - 105	P	09/19/2025	12:02	LB137251
	Zinc	1980	2000	99	95 - 105	P	09/19/2025	12:02	LB137251

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Cadmium	5.91	6.0	98	80 - 120	P	09/19/2025	12:21	LB137251
	Copper	22.6	20.0	113	80 - 120	P	09/19/2025	12:21	LB137251
	Lead	12.6	12.0	105	80 - 120	P	09/19/2025	12:21	LB137251
	Nickel	40.6	40.0	102	80 - 120	P	09/19/2025	12:21	LB137251
	Zinc	36.1	40.0	90	80 - 120	P	09/19/2025	12:21	LB137251

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Cadmium	2450	2500	98	90 - 110	P	09/19/2025	13:08	LB137251
	Copper	1240	1250	99	90 - 110	P	09/19/2025	13:08	LB137251
	Lead	4880	5000	98	90 - 110	P	09/19/2025	13:08	LB137251
	Nickel	2450	2500	98	90 - 110	P	09/19/2025	13:08	LB137251
	Zinc	2510	2500	100	90 - 110	P	09/19/2025	13:08	LB137251
CCV02	Cadmium	2310	2500	92	90 - 110	P	09/19/2025	14:35	LB137251
	Copper	1170	1250	94	90 - 110	P	09/19/2025	14:35	LB137251
	Lead	4600	5000	92	90 - 110	P	09/19/2025	14:35	LB137251
	Nickel	2320	2500	93	90 - 110	P	09/19/2025	14:35	LB137251
	Zinc	2380	2500	95	90 - 110	P	09/19/2025	14:35	LB137251
CCV03	Cadmium	2330	2500	93	90 - 110	P	09/19/2025	15:44	LB137251
	Copper	1170	1250	94	90 - 110	P	09/19/2025	15:44	LB137251
	Lead	4640	5000	93	90 - 110	P	09/19/2025	15:44	LB137251
	Nickel	2330	2500	93	90 - 110	P	09/19/2025	15:44	LB137251
	Zinc	2390	2500	96	90 - 110	P	09/19/2025	15:44	LB137251
CCV04	Cadmium	2350	2500	94	90 - 110	P	09/19/2025	17:08	LB137251
	Copper	1200	1250	96	90 - 110	P	09/19/2025	17:08	LB137251
	Lead	4750	5000	95	90 - 110	P	09/19/2025	17:08	LB137251
	Nickel	2370	2500	95	90 - 110	P	09/19/2025	17:08	LB137251
	Zinc	2460	2500	98	90 - 110	P	09/19/2025	17:08	LB137251