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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Ardmore Chemical **SDG No.:** Q1066

Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066

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
ICV69	Mercury	4.00	4.0	100	95 - 105	CV	01/27/2025	14:37	LB134431

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Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066

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
CCV71	Mercury	5.15	5.0	103	90 - 110	CV	01/27/2025	14:41	LB134431
CCV72	Mercury	5.10	5.0	102	90 - 110	CV	01/27/2025	15:09	LB134431
CCV73	Mercury	5.08	5.0	102	90 - 110	CV	01/27/2025	15:36	LB134431

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Client: Ardmore Chemical **SDG No.:** Q1066

Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066

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	Cadmium	501	510	98	95 - 105	P	01/20/2025	10:47	LB134350
	Copper	519	510	102	95 - 105	P	01/20/2025	10:47	LB134350
	Lead	1000	1000	100	95 - 105	P	01/20/2025	10:47	LB134350
	Nickel	507	530	96	95 - 105	P	01/20/2025	10:47	LB134350
	Zinc	1010	1000	101	95 - 105	P	01/20/2025	10:47	LB134350

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Client: Ardmore Chemical **SDG No.:** Q1066

Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066

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	Cadmium	5.90	6.0	98	80 - 120	P	01/20/2025	10:53	LB134350
	Copper	22.4	20.0	112	80 - 120	P	01/20/2025	10:53	LB134350
	Lead	12.5	12.0	104	80 - 120	P	01/20/2025	10:53	LB134350
	Nickel	39.2	40.0	98	80 - 120	P	01/20/2025	10:53	LB134350
	Zinc	43.5	40.0	109	80 - 120	P	01/20/2025	10:53	LB134350

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Client: Ardmore Chemical **SDG No.:** Q1066

Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066

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	Cadmium	2430	2500	97	90 - 110	P	01/20/2025	11:31	LB134350
	Copper	1240	1250	99	90 - 110	P	01/20/2025	11:31	LB134350
	Lead	4860	5000	97	90 - 110	P	01/20/2025	11:31	LB134350
	Nickel	2430	2500	97	90 - 110	P	01/20/2025	11:31	LB134350
	Zinc	2480	2500	99	90 - 110	P	01/20/2025	11:31	LB134350
CCV02	Cadmium	2400	2500	96	90 - 110	P	01/20/2025	12:29	LB134350
	Copper	1230	1250	98	90 - 110	P	01/20/2025	12:29	LB134350
	Lead	4800	5000	96	90 - 110	P	01/20/2025	12:29	LB134350
	Nickel	2400	2500	96	90 - 110	P	01/20/2025	12:29	LB134350
	Zinc	2470	2500	99	90 - 110	P	01/20/2025	12:29	LB134350
CCV03	Cadmium	2400	2500	96	90 - 110	P	01/20/2025	13:35	LB134350
	Copper	1230	1250	98	90 - 110	P	01/20/2025	13:35	LB134350
	Lead	4800	5000	96	90 - 110	P	01/20/2025	13:35	LB134350
	Nickel	2400	2500	96	90 - 110	P	01/20/2025	13:35	LB134350
	Zinc	2410	2500	96	90 - 110	P	01/20/2025	13:35	LB134350
CCV04	Cadmium	2410	2500	96	90 - 110	P	01/20/2025	14:38	LB134350
	Copper	1230	1250	99	90 - 110	P	01/20/2025	14:38	LB134350
	Lead	4800	5000	96	90 - 110	P	01/20/2025	14:38	LB134350
	Nickel	2400	2500	96	90 - 110	P	01/20/2025	14:38	LB134350
	Zinc	2470	2500	99	90 - 110	P	01/20/2025	14:38	LB134350
CCV05	Cadmium	2420	2500	97	90 - 110	P	01/20/2025	15:37	LB134350
	Copper	1240	1250	100	90 - 110	P	01/20/2025	15:37	LB134350
	Lead	4820	5000	96	90 - 110	P	01/20/2025	15:37	LB134350
	Nickel	2420	2500	97	90 - 110	P	01/20/2025	15:37	LB134350
	Zinc	2490	2500	100	90 - 110	P	01/20/2025	15:37	LB134350
CCV06	Cadmium	2360	2500	94	90 - 110	P	01/20/2025	16:47	LB134350
	Copper	1210	1250	97	90 - 110	P	01/20/2025	16:47	LB134350
	Lead	4710	5000	94	90 - 110	P	01/20/2025	16:47	LB134350
	Nickel	2360	2500	94	90 - 110	P	01/20/2025	16:47	LB134350
	Zinc	2410	2500	96	90 - 110	P	01/20/2025	16:47	LB134350
CCV07	Cadmium	2400	2500	96	90 - 110	P	01/20/2025	17:33	LB134350
	Copper	1220	1250	98	90 - 110	P	01/20/2025	17:33	LB134350
	Lead	4780	5000	96	90 - 110	P	01/20/2025	17:33	LB134350
	Nickel	2390	2500	96	90 - 110	P	01/20/2025	17:33	LB134350

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Client: **Ardmore Chemical** **SDG No.:** Q1066

Contract: ARDM01 **Lab Code:** CHEM **Case No.:** Q1066 **SAS No.:** Q1066

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	Zinc	2450	2500	98	90 - 110	P	01/20/2025	17:33	LB134350
CCV08	Cadmium	2370	2500	95	90 - 110	P	01/20/2025	17:52	LB134350
	Copper	1220	1250	98	90 - 110	P	01/20/2025	17:52	LB134350
	Lead	4730	5000	94	90 - 110	P	01/20/2025	17:52	LB134350
	Nickel	2370	2500	95	90 - 110	P	01/20/2025	17:52	LB134350
	Zinc	2380	2500	95	90 - 110	P	01/20/2025	17:52	LB134350