

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: HDR, Inc.

SDG No.: Q3662

Contract: HDRI08

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
ICV122	Mercury	4.16	4.0	104	90 - 110	CV	11/19/2025	14:23	LB137970

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CCV15	Mercury	4.68	5.0	94	90 - 110	CV	11/19/2025	14:28	LB137970
CCV16	Mercury	4.65	5.0	93	90 - 110	CV	11/19/2025	14:55	LB137970
CCV17	Mercury	4.80	5.0	96	90 - 110	CV	11/20/2025	07:42	LB137970
CCV18	Mercury	5.19	5.0	104	90 - 110	CV	11/20/2025	08:02	LB137970

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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	3860	4000	96	90 - 110	P	11/19/2025	12:45	LB137974
	Barium	8100	8000	101	90 - 110	P	11/19/2025	12:45	LB137974
	Cadmium	1920	2000	96	90 - 110	P	11/19/2025	12:45	LB137974
	Chromium	787	800	98	90 - 110	P	11/19/2025	12:45	LB137974
	Lead	3820	4000	96	90 - 110	P	11/19/2025	12:45	LB137974
	Selenium	3860	4000	96	90 - 110	P	11/19/2025	12:45	LB137974
	Silver	1030	1000	103	90 - 110	P	11/19/2025	12:45	LB137974

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LLICV01	Arsenic	22.2	20.0	111	80 - 120	P	11/19/2025	12:49	LB137974
	Barium	103	100	103	80 - 120	P	11/19/2025	12:49	LB137974
	Cadmium	5.94	6.0	99	80 - 120	P	11/19/2025	12:49	LB137974
	Chromium	10.2	10.0	102	80 - 120	P	11/19/2025	12:49	LB137974
	Lead	11.4	12.0	95	80 - 120	P	11/19/2025	12:49	LB137974
	Selenium	19.8	20.0	99	80 - 120	P	11/19/2025	12:49	LB137974
	Silver	11.0	10.0	110	80 - 120	P	11/19/2025	12:49	LB137974

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	4700	5000	94	90 - 110	P	11/19/2025	13:19	LB137974
	Barium	9560	10000	96	90 - 110	P	11/19/2025	13:19	LB137974
	Cadmium	2330	2500	93	90 - 110	P	11/19/2025	13:19	LB137974
	Chromium	965	1000	96	90 - 110	P	11/19/2025	13:19	LB137974
	Lead	4680	5000	94	90 - 110	P	11/19/2025	13:19	LB137974
	Selenium	4700	5000	94	90 - 110	P	11/19/2025	13:19	LB137974
	Silver	1200	1250	96	90 - 110	P	11/19/2025	13:19	LB137974
CCV02	Arsenic	5020	5000	100	90 - 110	P	11/19/2025	14:56	LB137974
	Barium	10200	10000	102	90 - 110	P	11/19/2025	14:56	LB137974
	Cadmium	2500	2500	100	90 - 110	P	11/19/2025	14:56	LB137974
	Chromium	1030	1000	103	90 - 110	P	11/19/2025	14:56	LB137974
	Lead	5000	5000	100	90 - 110	P	11/19/2025	14:56	LB137974
	Selenium	5000	5000	100	90 - 110	P	11/19/2025	14:56	LB137974
	Silver	1260	1250	101	90 - 110	P	11/19/2025	14:56	LB137974
CCV03	Arsenic	5120	5000	102	90 - 110	P	11/19/2025	16:14	LB137974
	Barium	9980	10000	100	90 - 110	P	11/19/2025	16:14	LB137974
	Cadmium	2500	2500	100	90 - 110	P	11/19/2025	16:14	LB137974
	Chromium	1020	1000	102	90 - 110	P	11/19/2025	16:14	LB137974
	Lead	5040	5000	101	90 - 110	P	11/19/2025	16:14	LB137974
	Selenium	5140	5000	103	90 - 110	P	11/19/2025	16:14	LB137974
	Silver	1280	1250	102	90 - 110	P	11/19/2025	16:14	LB137974
CCV04	Arsenic	5040	5000	101	90 - 110	P	11/19/2025	17:05	LB137974
	Barium	9560	10000	96	90 - 110	P	11/19/2025	17:05	LB137974
	Cadmium	2450	2500	98	90 - 110	P	11/19/2025	17:05	LB137974
	Chromium	1000	1000	100	90 - 110	P	11/19/2025	17:05	LB137974
	Lead	4960	5000	99	90 - 110	P	11/19/2025	17:05	LB137974
	Selenium	5020	5000	100	90 - 110	P	11/19/2025	17:05	LB137974
	Silver	1250	1250	100	90 - 110	P	11/19/2025	17:05	LB137974
CCV05	Arsenic	5200	5000	104	90 - 110	P	11/19/2025	18:07	LB137974
	Barium	10000	10000	100	90 - 110	P	11/19/2025	18:07	LB137974
	Cadmium	2560	2500	102	90 - 110	P	11/19/2025	18:07	LB137974
	Chromium	1070	1000	107	90 - 110	P	11/19/2025	18:07	LB137974
	Lead	5150	5000	103	90 - 110	P	11/19/2025	18:07	LB137974
	Selenium	5170	5000	104	90 - 110	P	11/19/2025	18:07	LB137974

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CCV05	Silver	1340	1250	107	90 - 110	P	11/19/2025	18:07	LB137974
CCV06	Arsenic	4980	5000	100	90 - 110	P	11/19/2025	18:35	LB137974
	Barium	9380	10000	94	90 - 110	P	11/19/2025	18:35	LB137974
	Cadmium	2420	2500	97	90 - 110	P	11/19/2025	18:35	LB137974
	Chromium	964	1000	96	90 - 110	P	11/19/2025	18:35	LB137974
	Lead	4900	5000	98	90 - 110	P	11/19/2025	18:35	LB137974
	Selenium	4970	5000	99	90 - 110	P	11/19/2025	18:35	LB137974
	Silver	1210	1250	97	90 - 110	P	11/19/2025	18:35	LB137974