

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** P4397
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4397 **SAS No.:** P4397
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
ICV48	Mercury	3.96	4.0	99	90 - 110	CV	10/23/2024	09:44	LB133065

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV56	Mercury	5.02	5.0	100	90 - 110	CV	10/23/2024	09:48	LB133065
CCV57	Mercury	5.31	5.0	106	90 - 110	CV	10/23/2024	10:22	LB133065
CCV58	Mercury	5.43	5.0	109	90 - 110	CV	10/23/2024	10:49	LB133065
CCV59	Mercury	5.31	5.0	106	90 - 110	CV	10/23/2024	11:16	LB133065

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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	Arsenic	998	1000	100	90 - 110	P	10/23/2024	14:59	LB133086
	Barium	501	520	96	90 - 110	P	10/23/2024	14:59	LB133086
	Cadmium	506	510	99	90 - 110	P	10/23/2024	14:59	LB133086
	Chromium	538	520	103	90 - 110	P	10/23/2024	14:59	LB133086
	Lead	1010	1000	101	90 - 110	P	10/23/2024	14:59	LB133086
	Selenium	1020	1000	102	90 - 110	P	10/23/2024	14:59	LB133086
	Silver	256	250	102	90 - 110	P	10/23/2024	14:59	LB133086

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	18.8	20.0	94	80 - 120	P	10/23/2024	15:11	LB133086
	Barium	93.0	100	93	80 - 120	P	10/23/2024	15:11	LB133086
	Cadmium	5.79	6.0	96	80 - 120	P	10/23/2024	15:11	LB133086
	Chromium	10.1	10.0	101	80 - 120	P	10/23/2024	15:11	LB133086
	Lead	11.9	12.0	99	80 - 120	P	10/23/2024	15:11	LB133086
	Selenium	20.9	20.0	105	80 - 120	P	10/23/2024	15:11	LB133086
	Silver	10.3	10.0	103	80 - 120	P	10/23/2024	15:11	LB133086

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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
CCV01	Arsenic	5090	5000	102	90 - 110	P	10/23/2024	15:57	LB133086
	Barium	9630	10000	96	90 - 110	P	10/23/2024	15:57	LB133086
	Cadmium	2520	2500	101	90 - 110	P	10/23/2024	15:57	LB133086
	Chromium	1010	1000	101	90 - 110	P	10/23/2024	15:57	LB133086
	Lead	5020	5000	100	90 - 110	P	10/23/2024	15:57	LB133086
	Selenium	5060	5000	101	90 - 110	P	10/23/2024	15:57	LB133086
	Silver	1250	1250	100	90 - 110	P	10/23/2024	15:57	LB133086
CCV02	Arsenic	4840	5000	97	90 - 110	P	10/23/2024	16:48	LB133086
	Barium	9150	10000	92	90 - 110	P	10/23/2024	16:48	LB133086
	Cadmium	2410	2500	96	90 - 110	P	10/23/2024	16:48	LB133086
	Chromium	969	1000	97	90 - 110	P	10/23/2024	16:48	LB133086
	Lead	4810	5000	96	90 - 110	P	10/23/2024	16:48	LB133086
	Selenium	4860	5000	97	90 - 110	P	10/23/2024	16:48	LB133086
	Silver	1200	1250	96	90 - 110	P	10/23/2024	16:48	LB133086
CCV03	Arsenic	4880	5000	98	90 - 110	P	10/23/2024	17:42	LB133086
	Barium	9030	10000	90	90 - 110	P	10/23/2024	17:42	LB133086
	Cadmium	2440	2500	97	90 - 110	P	10/23/2024	17:42	LB133086
	Chromium	992	1000	99	90 - 110	P	10/23/2024	17:42	LB133086
	Lead	4850	5000	97	90 - 110	P	10/23/2024	17:42	LB133086
	Selenium	4880	5000	98	90 - 110	P	10/23/2024	17:42	LB133086
	Silver	1230	1250	98	90 - 110	P	10/23/2024	17:42	LB133086
CCV04	Arsenic	5070	5000	101	90 - 110	P	10/23/2024	18:32	LB133086
	Barium	9310	10000	93	90 - 110	P	10/23/2024	18:32	LB133086
	Cadmium	2540	2500	102	90 - 110	P	10/23/2024	18:32	LB133086
	Chromium	1020	1000	102	90 - 110	P	10/23/2024	18:32	LB133086
	Lead	5080	5000	102	90 - 110	P	10/23/2024	18:32	LB133086
	Selenium	5090	5000	102	90 - 110	P	10/23/2024	18:32	LB133086
	Silver	1250	1250	100	90 - 110	P	10/23/2024	18:32	LB133086
CCV05	Arsenic	4920	5000	98	90 - 110	P	10/23/2024	19:23	LB133086
	Barium	9250	10000	92	90 - 110	P	10/23/2024	19:23	LB133086
	Cadmium	2460	2500	99	90 - 110	P	10/23/2024	19:23	LB133086
	Chromium	984	1000	98	90 - 110	P	10/23/2024	19:23	LB133086
	Lead	4910	5000	98	90 - 110	P	10/23/2024	19:23	LB133086
	Selenium	4910	5000	98	90 - 110	P	10/23/2024	19:23	LB133086

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CCV05	Silver	1210	1250	97	90 - 110	P	10/23/2024	19:23	LB133086
CCV06	Arsenic	4890	5000	98	90 - 110	P	10/23/2024	20:15	LB133086
	Barium	9330	10000	93	90 - 110	P	10/23/2024	20:15	LB133086
	Cadmium	2470	2500	99	90 - 110	P	10/23/2024	20:15	LB133086
	Chromium	989	1000	99	90 - 110	P	10/23/2024	20:15	LB133086
	Lead	4910	5000	98	90 - 110	P	10/23/2024	20:15	LB133086
	Selenium	4870	5000	97	90 - 110	P	10/23/2024	20:15	LB133086
	Silver	1220	1250	98	90 - 110	P	10/23/2024	20:15	LB133086
CCV07	Arsenic	4820	5000	96	90 - 110	P	10/23/2024	21:28	LB133086
	Barium	9500	10000	95	90 - 110	P	10/23/2024	21:28	LB133086
	Cadmium	2420	2500	97	90 - 110	P	10/23/2024	21:28	LB133086
	Chromium	952	1000	95	90 - 110	P	10/23/2024	21:28	LB133086
	Lead	4820	5000	96	90 - 110	P	10/23/2024	21:28	LB133086
	Selenium	4830	5000	97	90 - 110	P	10/23/2024	21:28	LB133086
	Silver	1170	1250	94	90 - 110	P	10/23/2024	21:28	LB133086
CCV08	Arsenic	4800	5000	96	90 - 110	P	10/23/2024	22:20	LB133086
	Barium	9320	10000	93	90 - 110	P	10/23/2024	22:20	LB133086
	Cadmium	2510	2500	100	90 - 110	P	10/23/2024	22:20	LB133086
	Chromium	1010	1000	101	90 - 110	P	10/23/2024	22:20	LB133086
	Lead	4980	5000	100	90 - 110	P	10/23/2024	22:20	LB133086
	Selenium	4770	5000	96	90 - 110	P	10/23/2024	22:20	LB133086
	Silver	1220	1250	97	90 - 110	P	10/23/2024	22:20	LB133086