

Metals
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INTERFERENCE CHECK SAMPLE

Client: Weston Solutions **SDG No.:** Q1588
Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1588 **SAS No.:** Q1588
ICS Source: EPA **Instrument ID:** P7

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	93400	100000	93	0	0	03/20/2025	17:40	LB135118
	Antimony	2.60	1.5	173	-2.5	5.5	03/20/2025	17:40	LB135118
	Arsenic	0.40	0.1	400	-1.9	2.1	03/20/2025	17:40	LB135118
	Barium	12.3	1.2	1025	-18.8	21.2	03/20/2025	17:40	LB135118
	Beryllium	0.28			-2	2	03/20/2025	17:40	LB135118
	Cadmium	0.16	0.7	23	-1.3	2.7	03/20/2025	17:40	LB135118
	Calcium	104000	100000	104	0	0	03/20/2025	17:40	LB135118
	Chromium	19.5	21.0	93	17	25	03/20/2025	17:40	LB135118
	Cobalt	1.22	1.0	122	-1	3	03/20/2025	17:40	LB135118
	Copper	12.0	8.0	150	4	12	03/20/2025	17:40	LB135118
	Iron	109000	100000	109	0	0	03/20/2025	17:40	LB135118
	Lead	4.79	4.0	120	2	6	03/20/2025	17:40	LB135118
	Magnesium	96500	100000	96	0	0	03/20/2025	17:40	LB135118
	Manganese	7.14	7.0	102	5	9	03/20/2025	17:40	LB135118
	Nickel	6.57	6.0	110	4	8	03/20/2025	17:40	LB135118
	Potassium	102000	100000	102	0	0	03/20/2025	17:40	LB135118
	Selenium	4.92	0.3	1640	-9.7	10	03/20/2025	17:40	LB135118
	Silver	0.030			-2	2	03/20/2025	17:40	LB135118
	Sodium	105000	100000	105	0	0	03/20/2025	17:40	LB135118
	Thallium	0.17			-2	2	03/20/2025	17:40	LB135118
	Vanadium	0.23	0.5	46	-9.5	10.5	03/20/2025	17:40	LB135118
	Zinc	17.7	11.0	161	1	21	03/20/2025	17:40	LB135118
ICSAB01	Aluminum	92800	100000	93	0	0	03/20/2025	17:43	LB135118
	Antimony	20.3	22.0	92	18	26	03/20/2025	17:43	LB135118
	Arsenic	20.7	19.0	109	16.2	21.9	03/20/2025	17:43	LB135118
	Barium	20.5	22.0	93	2	42	03/20/2025	17:43	LB135118
	Beryllium	19.4	19.0	102	16.2	21.9	03/20/2025	17:43	LB135118
	Cadmium	19.5	20.0	98	17	23	03/20/2025	17:43	LB135118
	Calcium	104000	100000	104	0	0	03/20/2025	17:43	LB135118
	Chromium	38.7	40.0	97	34	46	03/20/2025	17:43	LB135118
	Cobalt	20.5	20.0	102	17	23	03/20/2025	17:43	LB135118
	Copper	28.8	25.0	115	21	29	03/20/2025	17:43	LB135118
	Iron	110000	100000	110	0	0	03/20/2025	17:43	LB135118
	Lead	22.5	25.0	90	21.3	28.8	03/20/2025	17:43	LB135118
	Magnesium	96800	100000	97	0	0	03/20/2025	17:43	LB135118
	Manganese	25.8	27.0	96	23	31.1	03/20/2025	17:43	LB135118
	Nickel	26.4	24.0	110	20.4	27.6	03/20/2025	17:43	LB135118
	Potassium	103000	100000	103	0	0	03/20/2025	17:43	LB135118
	Selenium	23.6	19.0	124	9	29	03/20/2025	17:43	LB135118
	Silver	18.7	18.0	104	15.3	20.7	03/20/2025	17:43	LB135118
	Sodium	105000	100000	105	0	0	03/20/2025	17:43	LB135118
	Thallium	18.7	21.0	89	17.9	24.2	03/20/2025	17:43	LB135118

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ICS Source: EPA **Instrument ID:** P7

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	19.6	19.0	103	9	29	03/20/2025	17:43	LB135118
	Zinc	28.3	29.0	98	19	39	03/20/2025	17:43	LB135118
ICSA01	Aluminum	88600	100000	89	0	0	03/23/2025	15:54	LB135143
	Antimony	1.01	1.5	67	-2.5	5.5	03/23/2025	15:54	LB135143
	Arsenic	0.53	0.1	530	-1.9	2.1	03/23/2025	15:54	LB135143
	Barium	1.24	1.2	103	-18.8	21.2	03/23/2025	15:54	LB135143
	Beryllium	0.27			-2	2	03/23/2025	15:54	LB135143
	Cadmium	0.24	0.7	34	-1.3	2.7	03/23/2025	15:54	LB135143
	Calcium	97400	100000	97	0	0	03/23/2025	15:54	LB135143
	Chromium	18.0	21.0	86	17	25	03/23/2025	15:54	LB135143
	Cobalt	1.12	1.0	112	-1	3	03/23/2025	15:54	LB135143
	Copper	10.1	8.0	126	4	12	03/23/2025	15:54	LB135143
	Iron	103000	100000	103	0	0	03/23/2025	15:54	LB135143
	Lead	3.83	4.0	96	2	6	03/23/2025	15:54	LB135143
	Magnesium	93300	100000	93	0	0	03/23/2025	15:54	LB135143
	Manganese	6.39	7.0	91	5	9	03/23/2025	15:54	LB135143
	Nickel	5.31	6.0	88	4	8	03/23/2025	15:54	LB135143
	Potassium	97000	100000	97	0	0	03/23/2025	15:54	LB135143
	Selenium	0.97	0.3	323	-9.7	10	03/23/2025	15:54	LB135143
	Silver	0.020			-2	2	03/23/2025	15:54	LB135143
	Sodium	99700	100000	100	0	0	03/23/2025	15:54	LB135143
	Thallium	0.10			-2	2	03/23/2025	15:54	LB135143
	Vanadium	0.18	0.5	36	-9.5	10.5	03/23/2025	15:54	LB135143
	Zinc	8.99	11.0	82	1	21	03/23/2025	15:54	LB135143
ICSAB01	Aluminum	91600	100000	92	0	0	03/23/2025	15:57	LB135143
	Antimony	19.3	22.0	88	18	26	03/23/2025	15:57	LB135143
	Arsenic	20.5	19.0	108	16.2	21.9	03/23/2025	15:57	LB135143
	Barium	19.4	22.0	88	2	42	03/23/2025	15:57	LB135143
	Beryllium	18.5	19.0	97	16.2	21.9	03/23/2025	15:57	LB135143
	Cadmium	19.0	20.0	95	17	23	03/23/2025	15:57	LB135143
	Calcium	95800	100000	96	0	0	03/23/2025	15:57	LB135143
	Chromium	37.2	40.0	93	34	46	03/23/2025	15:57	LB135143
	Cobalt	19.9	20.0	100	17	23	03/23/2025	15:57	LB135143
	Copper	27.8	25.0	111	21	29	03/23/2025	15:57	LB135143
	Iron	107000	100000	107	0	0	03/23/2025	15:57	LB135143
	Lead	22.3	25.0	89	21.3	28.8	03/23/2025	15:57	LB135143
	Magnesium	94200	100000	94	0	0	03/23/2025	15:57	LB135143
	Manganese	24.7	27.0	92	23	31.1	03/23/2025	15:57	LB135143
	Nickel	26.1	24.0	109	20.4	27.6	03/23/2025	15:57	LB135143
	Potassium	100000	100000	100	0	0	03/23/2025	15:57	LB135143
	Selenium	20.6	19.0	108	9	29	03/23/2025	15:57	LB135143
	Silver	17.1	18.0	95	15.3	20.7	03/23/2025	15:57	LB135143

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ICS Source: EPA **Instrument ID:** P7

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	101000	100000	101	0	0	03/23/2025	15:57	LB135143
	Thallium	18.1	21.0	86	17.9	24.2	03/23/2025	15:57	LB135143
	Vanadium	18.9	19.0	100	9	29	03/23/2025	15:57	LB135143
	Zinc	35.9	29.0	124	19	39	03/23/2025	15:57	LB135143
ICSA01	Aluminum	90700	100000	91	0	0	03/24/2025	15:44	LB135164
	Antimony	1.33	1.5	89	-2.5	5.5	03/24/2025	15:44	LB135164
	Arsenic	0.52	0.1	520	-1.9	2.1	03/24/2025	15:44	LB135164
	Barium	1.49	1.2	124	-18.8	21.2	03/24/2025	15:44	LB135164
	Beryllium	0.28			-2	2	03/24/2025	15:44	LB135164
	Cadmium	0.17	0.7	24	-1.3	2.7	03/24/2025	15:44	LB135164
	Calcium	101000	100000	101	0	0	03/24/2025	15:44	LB135164
	Chromium	20.6	21.0	98	17	25	03/24/2025	15:44	LB135164
	Cobalt	1.29	1.0	129	-1	3	03/24/2025	15:44	LB135164
	Copper	10.7	8.0	133	4	12	03/24/2025	15:44	LB135164
	Iron	108000	100000	108	0	0	03/24/2025	15:44	LB135164
	Lead	4.47	4.0	112	2	6	03/24/2025	15:44	LB135164
	Magnesium	93000	100000	93	0	0	03/24/2025	15:44	LB135164
	Manganese	7.32	7.0	105	5	9	03/24/2025	15:44	LB135164
	Nickel	5.95	6.0	99	4	8	03/24/2025	15:44	LB135164
	Potassium	99200	100000	99	0	0	03/24/2025	15:44	LB135164
	Selenium	0.58	0.3	193	-9.7	10	03/24/2025	15:44	LB135164
	Silver	0.030			-2	2	03/24/2025	15:44	LB135164
	Sodium	99100	100000	99	0	0	03/24/2025	15:44	LB135164
	Thallium	0.12			-2	2	03/24/2025	15:44	LB135164
	Vanadium	0.22	0.5	44	-9.5	10.5	03/24/2025	15:44	LB135164
	Zinc	13.5	11.0	123	1	21	03/24/2025	15:44	LB135164
ICSAB01	Aluminum	92000	100000	92	0	0	03/24/2025	15:49	LB135164
	Antimony	21.6	22.0	98	18	26	03/24/2025	15:49	LB135164
	Arsenic	20.7	19.0	109	16.2	21.9	03/24/2025	15:49	LB135164
	Barium	21.4	22.0	97	2	42	03/24/2025	15:49	LB135164
	Beryllium	21.1	19.0	111	16.2	21.9	03/24/2025	15:49	LB135164
	Cadmium	21.1	20.0	106	17	23	03/24/2025	15:49	LB135164
	Calcium	101000	100000	101	0	0	03/24/2025	15:49	LB135164
	Chromium	41.4	40.0	104	34	46	03/24/2025	15:49	LB135164
	Cobalt	21.8	20.0	109	17	23	03/24/2025	15:49	LB135164
	Copper	28.9	25.0	116	21	29	03/24/2025	15:49	LB135164
	Iron	109000	100000	109	0	0	03/24/2025	15:49	LB135164
	Lead	23.9	25.0	96	21.3	28.8	03/24/2025	15:49	LB135164
	Magnesium	93400	100000	93	0	0	03/24/2025	15:49	LB135164
	Manganese	25.6	27.0	95	23	31.1	03/24/2025	15:49	LB135164
	Nickel	26.0	24.0	108	20.4	27.6	03/24/2025	15:49	LB135164
	Potassium	99000	100000	99	0	0	03/24/2025	15:49	LB135164

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Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Selenium	21.2	19.0	112	9	29	03/24/2025	15:49	LB135164
	Silver	19.4	18.0	108	15.3	20.7	03/24/2025	15:49	LB135164
	Sodium	100000	100000	100	0	0	03/24/2025	15:49	LB135164
	Thallium	19.8	21.0	94	17.9	24.2	03/24/2025	15:49	LB135164
	Vanadium	20.3	19.0	107	9	29	03/24/2025	15:49	LB135164
	Zinc	29.3	29.0	101	19	39	03/24/2025	15:49	LB135164