

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Langan Engineering and Environmental Services, Ir

SDG No.: Q3323

Contract: LANG01

Lab Code: ACE

ICS Source: EPA

Instrument ID: P4

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	258000	255000	101	216000	294000	10/13/2025	13:04	LB137518
	Antimony	1.12			-50	50	10/13/2025	13:04	LB137518
	Arsenic	12.5			-20	20	10/13/2025	13:04	LB137518
	Barium	6.08	6.0	101	-94	106	10/13/2025	13:04	LB137518
	Beryllium	0.99			-6	6	10/13/2025	13:04	LB137518
	Cadmium	1.68	1.0	168	-5	7	10/13/2025	13:04	LB137518
	Calcium	245000	245000	100	208000	282000	10/13/2025	13:04	LB137518
	Chromium	47.3	52.0	91	42	62	10/13/2025	13:04	LB137518
	Cobalt	2.15			-30	30	10/13/2025	13:04	LB137518
	Copper	15.6	2.0	780	-18	22	10/13/2025	13:04	LB137518
	Iron	100000	101000	99	85600	116500	10/13/2025	13:04	LB137518
	Lead	-2.87			-12	12	10/13/2025	13:04	LB137518
	Magnesium	261000	255000	102	216000	294000	10/13/2025	13:04	LB137518
	Manganese	7.87	7.0	112	-13	27	10/13/2025	13:04	LB137518
	Nickel	3.34	2.0	167	-38	42	10/13/2025	13:04	LB137518
	Potassium	-50.1			0	0	10/13/2025	13:04	LB137518
	Selenium	13.3			-20	20	10/13/2025	13:04	LB137518
	Silver	-1.68			-10	10	10/13/2025	13:04	LB137518
	Sodium	33.4			0	0	10/13/2025	13:04	LB137518
	Thallium	25.5			-40	40	10/13/2025	13:04	LB137518
	Vanadium	7.08			-40	40	10/13/2025	13:04	LB137518
	Zinc	3.18			-40	40	10/13/2025	13:04	LB137518
ICSAB01	Aluminum	251000	247000	102	209000	285000	10/13/2025	13:08	LB137518
	Antimony	599	618	97	525	711	10/13/2025	13:08	LB137518
	Arsenic	115	104	111	88.4	120	10/13/2025	13:08	LB137518
	Barium	495	537	92	437	637	10/13/2025	13:08	LB137518
	Beryllium	518	495	105	420	570	10/13/2025	13:08	LB137518
	Cadmium	1000	972	103	826	1120	10/13/2025	13:08	LB137518
	Calcium	237000	235000	101	199000	271000	10/13/2025	13:08	LB137518
	Chromium	558	542	103	460	624	10/13/2025	13:08	LB137518
	Cobalt	505	476	106	404	548	10/13/2025	13:08	LB137518
	Copper	491	511	96	434	588	10/13/2025	13:08	LB137518
	Iron	101000	99300	102	84400	114500	10/13/2025	13:08	LB137518
	Lead	45.6	49.0	93	37	61	10/13/2025	13:08	LB137518
	Magnesium	254000	248000	102	210000	286000	10/13/2025	13:08	LB137518
	Manganese	497	507	98	430	584	10/13/2025	13:08	LB137518
	Nickel	1000	954	105	810	1100	10/13/2025	13:08	LB137518
	Potassium	-50.1			0	0	10/13/2025	13:08	LB137518
	Selenium	59.2	46.0	129	26	66	10/13/2025	13:08	LB137518
	Silver	211	201	105	170	232	10/13/2025	13:08	LB137518
	Sodium	35.6			0	0	10/13/2025	13:08	LB137518
	Thallium	133	108	123	68	148	10/13/2025	13:08	LB137518

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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	Vanadium	492	491	100	417	565	10/13/2025	13:08	LB137518
	Zinc	1070	952	112	809	1095	10/13/2025	13:08	LB137518