

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Union Paving & Construction Company</u>	SDG No.: <u>P4663</u>
Contract: <u>UNIO02</u> Lab Code: <u>CHEM</u>	Case No.: <u>P4663</u> SAS No.: <u>P4663</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

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	238000	255000	93	216000	294000	11/04/2024	18:03	LB133296
	Antimony	4.43			-50	50	11/04/2024	18:03	LB133296
	Arsenic	-3.23			-20	20	11/04/2024	18:03	LB133296
	Barium	14.2	6.0	237	-94	106	11/04/2024	18:03	LB133296
	Beryllium	3.74			-6	6	11/04/2024	18:03	LB133296
	Cadmium	3.20	1.0	320	-5	7	11/04/2024	18:03	LB133296
	Calcium	232000	245000	95	208000	282000	11/04/2024	18:03	LB133296
	Chromium	60.6	52.0	116	42	62	11/04/2024	18:03	LB133296
	Cobalt	2.80			-30	30	11/04/2024	18:03	LB133296
	Copper	21.1	2.0	1055	-18	22	11/04/2024	18:03	LB133296
	Iron	95000	101000	94	85600	116500	11/04/2024	18:03	LB133296
	Lead	1.99			-12	12	11/04/2024	18:03	LB133296
	Magnesium	251000	255000	98	216000	294000	11/04/2024	18:03	LB133296
	Manganese	6.90	7.0	99	-13	27	11/04/2024	18:03	LB133296
	Nickel	7.25	2.0	362	-38	42	11/04/2024	18:03	LB133296
	Potassium	-79.8			0	0	11/04/2024	18:03	LB133296
	Selenium	-11.0			-20	20	11/04/2024	18:03	LB133296
	Silver	0.40			-10	10	11/04/2024	18:03	LB133296
	Sodium	149			0	0	11/04/2024	18:03	LB133296
	Thallium	-1.19			-40	40	11/04/2024	18:03	LB133296
	Vanadium	8.02			-40	40	11/04/2024	18:03	LB133296
	Zinc	4.45			-40	40	11/04/2024	18:03	LB133296
ICSAB01	Aluminum	239000	247000	97	209000	285000	11/04/2024	18:07	LB133296
	Antimony	607	618	98	525	711	11/04/2024	18:07	LB133296
	Arsenic	95.4	104	92	88.4	120	11/04/2024	18:07	LB133296
	Barium	490	537	91	437	637	11/04/2024	18:07	LB133296
	Beryllium	534	495	108	420	570	11/04/2024	18:07	LB133296
	Cadmium	984	972	101	826	1120	11/04/2024	18:07	LB133296
	Calcium	232000	235000	99	199000	271000	11/04/2024	18:07	LB133296
	Chromium	595	542	110	460	624	11/04/2024	18:07	LB133296
	Cobalt	515	476	108	404	548	11/04/2024	18:07	LB133296
	Copper	510	511	100	434	588	11/04/2024	18:07	LB133296
	Iron	97000	99300	98	84400	114500	11/04/2024	18:07	LB133296
	Lead	50.7	49.0	104	37	61	11/04/2024	18:07	LB133296
	Magnesium	251000	248000	101	210000	286000	11/04/2024	18:07	LB133296
	Manganese	491	507	97	430	584	11/04/2024	18:07	LB133296
	Nickel	1030	954	108	810	1100	11/04/2024	18:07	LB133296
	Potassium	-80.3			0	0	11/04/2024	18:07	LB133296
	Selenium	38.9	46.0	85	26	66	11/04/2024	18:07	LB133296
	Silver	201	201	100	170	232	11/04/2024	18:07	LB133296
	Sodium	146			0	0	11/04/2024	18:07	LB133296
	Thallium	69.5	108	64	68	148	11/04/2024	18:07	LB133296

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Union Paving & Construction Company **SDG No.:** P4663
Contract: UNIO02 **Lab Code:** CHEM **Case No.:** P4663 **SAS No.:** P4663
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
ICSAB01	Vanadium	485	491	99	417	565	11/04/2024	18:07	LB133296
	Zinc	1050	952	110	809	1095	11/04/2024	18:07	LB133296
ICSA01	Aluminum	257000	255000	101	216000	294000	11/06/2024	18:08	LB133323
	Antimony	-0.051			-50	50	11/06/2024	18:08	LB133323
	Arsenic	2.46			-20	20	11/06/2024	18:08	LB133323
	Barium	5.21	6.0	87	-94	106	11/06/2024	18:08	LB133323
	Beryllium	1.28			-6	6	11/06/2024	18:08	LB133323
	Cadmium	6.38	1.0	638	-5	7	11/06/2024	18:08	LB133323
	Calcium	248000	245000	101	208000	282000	11/06/2024	18:08	LB133323
	Chromium	56.4	52.0	108	42	62	11/06/2024	18:08	LB133323
	Cobalt	2.02			-30	30	11/06/2024	18:08	LB133323
	Copper	0.49	2.0	24	-18	22	11/06/2024	18:08	LB133323
	Iron	98800	101000	98	85600	116500	11/06/2024	18:08	LB133323
	Lead	9.93			-12	12	11/06/2024	18:08	LB133323
	Magnesium	268000	255000	105	216000	294000	11/06/2024	18:08	LB133323
	Manganese	4.23	7.0	60	-13	27	11/06/2024	18:08	LB133323
	Nickel	3.00	2.0	150	-38	42	11/06/2024	18:08	LB133323
	Potassium	15.0			0	0	11/06/2024	18:08	LB133323
	Selenium	-15.6			-20	20	11/06/2024	18:08	LB133323
	Silver	1.23			-10	10	11/06/2024	18:08	LB133323
	Sodium	-15.2			0	0	11/06/2024	18:08	LB133323
	Thallium	2.62			-40	40	11/06/2024	18:08	LB133323
	Vanadium	7.34			-40	40	11/06/2024	18:08	LB133323
	Zinc	8.08			-40	40	11/06/2024	18:08	LB133323
ICSAB01	Aluminum	261000	247000	106	209000	285000	11/06/2024	18:13	LB133323
	Antimony	616	618	100	525	711	11/06/2024	18:13	LB133323
	Arsenic	114	104	110	88.4	120	11/06/2024	18:13	LB133323
	Barium	529	537	98	437	637	11/06/2024	18:13	LB133323
	Beryllium	527	495	106	420	570	11/06/2024	18:13	LB133323
	Cadmium	1020	972	105	826	1120	11/06/2024	18:13	LB133323
	Calcium	250000	235000	106	199000	271000	11/06/2024	18:13	LB133323
	Chromium	562	542	104	460	624	11/06/2024	18:13	LB133323
	Cobalt	514	476	108	404	548	11/06/2024	18:13	LB133323
	Copper	488	511	96	434	588	11/06/2024	18:13	LB133323
	Iron	100000	99300	101	84400	114500	11/06/2024	18:13	LB133323
	Lead	57.7	49.0	118	37	61	11/06/2024	18:13	LB133323
	Magnesium	270000	248000	109	210000	286000	11/06/2024	18:13	LB133323
	Manganese	516	507	102	430	584	11/06/2024	18:13	LB133323
	Nickel	1010	954	106	810	1100	11/06/2024	18:13	LB133323
	Potassium	3.43			0	0	11/06/2024	18:13	LB133323
	Selenium	36.0	46.0	78	26	66	11/06/2024	18:13	LB133323
	Silver	203	201	101	170	232	11/06/2024	18:13	LB133323

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Union Paving & Construction Company **SDG No.:** P4663
Contract: UNIO02 **Lab Code:** CHEM **Case No.:** P4663 **SAS No.:** P4663
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
ICSAB01	Sodium	-114			0	0	11/06/2024	18:13	LB133323
	Thallium	105	108	97	68	148	11/06/2024	18:13	LB133323
	Vanadium	507	491	103	417	565	11/06/2024	18:13	LB133323
	Zinc	1070	952	112	809	1095	11/06/2024	18:13	LB133323
ICSA01	Aluminum	255000	255000	100	216000	294000	11/07/2024	14:47	LB133344
	Antimony	-0.14			-50	50	11/07/2024	14:47	LB133344
	Arsenic	4.03			-20	20	11/07/2024	14:47	LB133344
	Barium	1.97	6.0	33	-94	106	11/07/2024	14:47	LB133344
	Beryllium	1.25			-6	6	11/07/2024	14:47	LB133344
	Cadmium	6.27	1.0	627	-5	7	11/07/2024	14:47	LB133344
	Calcium	235000	245000	96	208000	282000	11/07/2024	14:47	LB133344
	Chromium	54.7	52.0	105	42	62	11/07/2024	14:47	LB133344
	Cobalt	1.98			-30	30	11/07/2024	14:47	LB133344
	Copper	6.59	2.0	330	-18	22	11/07/2024	14:47	LB133344
	Iron	95800	101000	95	85600	116500	11/07/2024	14:47	LB133344
	Lead	8.91			-12	12	11/07/2024	14:47	LB133344
	Magnesium	257000	255000	101	216000	294000	11/07/2024	14:47	LB133344
	Manganese	4.04	7.0	58	-13	27	11/07/2024	14:47	LB133344
	Nickel	2.14	2.0	107	-38	42	11/07/2024	14:47	LB133344
	Potassium	27.1			0	0	11/07/2024	14:47	LB133344
	Selenium	-18.3			-20	20	11/07/2024	14:47	LB133344
	Silver	0.85			-10	10	11/07/2024	14:47	LB133344
	Sodium	-30.2			0	0	11/07/2024	14:47	LB133344
	Thallium	4.42			-40	40	11/07/2024	14:47	LB133344
	Vanadium	7.40			-40	40	11/07/2024	14:47	LB133344
	Zinc	6.19			-40	40	11/07/2024	14:47	LB133344
ICSAB01	Aluminum	261000	247000	106	209000	285000	11/07/2024	14:51	LB133344
	Antimony	621	618	100	525	711	11/07/2024	14:51	LB133344
	Arsenic	116	104	112	88.4	120	11/07/2024	14:51	LB133344
	Barium	504	537	94	437	637	11/07/2024	14:51	LB133344
	Beryllium	498	495	101	420	570	11/07/2024	14:51	LB133344
	Cadmium	999	972	103	826	1120	11/07/2024	14:51	LB133344
	Calcium	238000	235000	101	199000	271000	11/07/2024	14:51	LB133344
	Chromium	556	542	103	460	624	11/07/2024	14:51	LB133344
	Cobalt	503	476	106	404	548	11/07/2024	14:51	LB133344
	Copper	493	511	96	434	588	11/07/2024	14:51	LB133344
	Iron	98300	99300	99	84400	114500	11/07/2024	14:51	LB133344
	Lead	56.6	49.0	116	37	61	11/07/2024	14:51	LB133344
	Magnesium	260000	248000	105	210000	286000	11/07/2024	14:51	LB133344
	Manganese	484	507	96	430	584	11/07/2024	14:51	LB133344
	Nickel	991	954	104	810	1100	11/07/2024	14:51	LB133344
	Potassium	10.4			0	0	11/07/2024	14:51	LB133344

Metals

- 4 -

INTERFERENCE CHECK SAMPLE

Client: Union Paving & Construction Company **SDG No.:** P4663
Contract: UNIO02 **Lab Code:** CHEM **Case No.:** P4663 **SAS No.:** P4663
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
ICSAB01	Selenium	32.9	46.0	72	26	66	11/07/2024	14:51	LB133344
	Silver	201	201	100	170	232	11/07/2024	14:51	LB133344
	Sodium	-89.4			0	0	11/07/2024	14:51	LB133344
	Thallium	106	108	98	68	148	11/07/2024	14:51	LB133344
	Vanadium	493	491	100	417	565	11/07/2024	14:51	LB133344
	Zinc	835	952	88	809	1095	11/07/2024	14:51	LB133344