

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Xin Nie</u>	SDG No.: <u>Q2785</u>
Contract: <u>XINN01</u>	Lab Code: <u>ACE</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	237000	255000	93	216000	294000	08/12/2025	12:00	LB136789
	Antimony	-4.63			-50	50	08/12/2025	12:00	LB136789
	Arsenic	9.40			-20	20	08/12/2025	12:00	LB136789
	Barium	-3.44	6.0	57	-94	106	08/12/2025	12:00	LB136789
	Beryllium	1.34			-6	6	08/12/2025	12:00	LB136789
	Cadmium	1.01	1.0	101	-5	7	08/12/2025	12:00	LB136789
	Calcium	227000	245000	93	208000	282000	08/12/2025	12:00	LB136789
	Chromium	57.4	52.0	110	42	62	08/12/2025	12:00	LB136789
	Cobalt	1.47			-30	30	08/12/2025	12:00	LB136789
	Copper	4.88	2.0	244	-18	22	08/12/2025	12:00	LB136789
	Iron	98300	101000	97	85600	116500	08/12/2025	12:00	LB136789
	Lead	-7.54			-12	12	08/12/2025	12:00	LB136789
	Magnesium	240000	255000	94	216000	294000	08/12/2025	12:00	LB136789
	Manganese	7.76	7.0	111	-13	27	08/12/2025	12:00	LB136789
	Nickel	5.34	2.0	267	-38	42	08/12/2025	12:00	LB136789
	Potassium	-88.4			0	0	08/12/2025	12:00	LB136789
	Selenium	3.67			-20	20	08/12/2025	12:00	LB136789
	Silver	2.23			-10	10	08/12/2025	12:00	LB136789
	Sodium	-85.2			0	0	08/12/2025	12:00	LB136789
	Thallium	1.31			-40	40	08/12/2025	12:00	LB136789
	Vanadium	3.28			-40	40	08/12/2025	12:00	LB136789
	Zinc	2.31			-40	40	08/12/2025	12:00	LB136789
ICSAB01	Aluminum	242000	247000	98	209000	285000	08/12/2025	12:06	LB136789
	Antimony	584	618	94	525	711	08/12/2025	12:06	LB136789
	Arsenic	109	104	105	88.4	120	08/12/2025	12:06	LB136789
	Barium	483	537	90	437	637	08/12/2025	12:06	LB136789
	Beryllium	474	495	96	420	570	08/12/2025	12:06	LB136789
	Cadmium	957	972	98	826	1120	08/12/2025	12:06	LB136789
	Calcium	231000	235000	98	199000	271000	08/12/2025	12:06	LB136789
	Chromium	547	542	101	460	624	08/12/2025	12:06	LB136789
	Cobalt	484	476	102	404	548	08/12/2025	12:06	LB136789
	Copper	475	511	93	434	588	08/12/2025	12:06	LB136789
	Iron	100000	99300	101	84400	114500	08/12/2025	12:06	LB136789
	Lead	39.5	49.0	81	37	61	08/12/2025	12:06	LB136789
	Magnesium	243000	248000	98	210000	286000	08/12/2025	12:06	LB136789
	Manganese	483	507	95	430	584	08/12/2025	12:06	LB136789
	Nickel	966	954	101	810	1100	08/12/2025	12:06	LB136789
	Potassium	-167			0	0	08/12/2025	12:06	LB136789
	Selenium	53.2	46.0	116	26	66	08/12/2025	12:06	LB136789
	Silver	212	201	106	170	232	08/12/2025	12:06	LB136789
	Sodium	-77.7			0	0	08/12/2025	12:06	LB136789
	Thallium	98.4	108	91	68	148	08/12/2025	12:06	LB136789

Metals
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INTERFERENCE CHECK SAMPLE

Client: Xin Nie

SDG No.: Q2785

Contract: XINN01

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
ICSAB01	Vanadium	473	491	96	417	565	08/12/2025	12:06	LB136789
	Zinc	1010	952	106	809	1095	08/12/2025	12:06	LB136789
ICSA	Aluminum	233000	255000	91	216000	294000	08/12/2025	12:10	LB136789
	Antimony	-41.0			-50	50	08/12/2025	12:10	LB136789
	Arsenic	43.5			-20	20	08/12/2025	12:10	LB136789
	Barium	-107	6.0	1783	-94	106	08/12/2025	12:10	LB136789
	Beryllium	2.59			-6	6	08/12/2025	12:10	LB136789
	Cadmium	-2.80	1.0	280	-5	7	08/12/2025	12:10	LB136789
	Calcium	233000	245000	95	208000	282000	08/12/2025	12:10	LB136789
	Chromium	57.2	52.0	110	42	62	08/12/2025	12:10	LB136789
	Cobalt	-4.02			-30	30	08/12/2025	12:10	LB136789
	Copper	4.26	2.0	213	-18	22	08/12/2025	12:10	LB136789
	Iron	94000	101000	93	85600	116500	08/12/2025	12:10	LB136789
	Lead	-5.72			-12	12	08/12/2025	12:10	LB136789
	Magnesium	241000	255000	94	216000	294000	08/12/2025	12:10	LB136789
	Manganese	2.24	7.0	32	-13	27	08/12/2025	12:10	LB136789
	Nickel	0.64	2.0	32	-38	42	08/12/2025	12:10	LB136789
	Potassium	-5920			0	0	08/12/2025	12:10	LB136789
	Selenium	-20.3			-20	20	08/12/2025	12:10	LB136789
	Silver	5.47			-10	10	08/12/2025	12:10	LB136789
	Sodium	-4070			0	0	08/12/2025	12:10	LB136789
	Thallium	-35.9			-40	40	08/12/2025	12:10	LB136789
	Vanadium	35.3			-40	40	08/12/2025	12:10	LB136789
	Zinc	3.13			-40	40	08/12/2025	12:10	LB136789
ICSAB	Aluminum	234000	247000	95	209000	285000	08/12/2025	12:15	LB136789
	Antimony	586	618	95	525	711	08/12/2025	12:15	LB136789
	Arsenic	110	104	106	88.4	120	08/12/2025	12:15	LB136789
	Barium	358	537	67	437	637	08/12/2025	12:15	LB136789
	Beryllium	477	495	96	420	570	08/12/2025	12:15	LB136789
	Cadmium	944	972	97	826	1120	08/12/2025	12:15	LB136789
	Calcium	234000	235000	100	199000	271000	08/12/2025	12:15	LB136789
	Chromium	553	542	102	460	624	08/12/2025	12:15	LB136789
	Cobalt	477	476	100	404	548	08/12/2025	12:15	LB136789
	Copper	510	511	100	434	588	08/12/2025	12:15	LB136789
	Iron	95800	99300	96	84400	114500	08/12/2025	12:15	LB136789
	Lead	17.4	49.0	36	37	61	08/12/2025	12:15	LB136789
	Magnesium	242000	248000	98	210000	286000	08/12/2025	12:15	LB136789
	Manganese	480	507	95	430	584	08/12/2025	12:15	LB136789
	Nickel	962	954	101	810	1100	08/12/2025	12:15	LB136789
	Potassium	-6140			0	0	08/12/2025	12:15	LB136789
	Selenium	11.6	46.0	25	26	66	08/12/2025	12:15	LB136789
	Silver	198	201	98	170	232	08/12/2025	12:15	LB136789

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INTERFERENCE CHECK SAMPLE

Client: Xin Nie

SDG No.: Q2785

Contract: XINN01

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
ICSAB	Sodium	-3980			0	0	08/12/2025	12:15	LB136789
	Thallium	89.3	108	83	68	148	08/12/2025	12:15	LB136789
	Vanadium	552	491	112	417	565	08/12/2025	12:15	LB136789
	Zinc	975	952	102	809	1095	08/12/2025	12:15	LB136789