



Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: LiRo Engineers, Inc. **SDG No.:** P1747
Contract: LIRO01 **Lab Code:** CHEM **Case No.:** P1747 **SAS No.:** P1747

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB159517BS							
Aluminum	ug/L	1000	978		98	85 - 115	P
Antimony	ug/L	400	401		100	85 - 115	P
Arsenic	ug/L	400	406		102	85 - 115	P
Barium	ug/L	100	100		100	85 - 115	P
Beryllium	ug/L	100	99.0		99	85 - 115	P
Cadmium	ug/L	100	95.2		95	85 - 115	P
Calcium	ug/L	500	506	J	101	85 - 115	P
Chromium	ug/L	200	197		98	85 - 115	P
Cobalt	ug/L	100	93.8		94	85 - 115	P
Copper	ug/L	150	153		102	85 - 115	P
Iron	ug/L	1500	1400		93	85 - 115	P
Lead	ug/L	500	489		98	85 - 115	P
Magnesium	ug/L	1000	968	J	97	85 - 115	P
Manganese	ug/L	100	102		102	85 - 115	P
Nickel	ug/L	250	237		95	85 - 115	P
Potassium	ug/L	5000	4590		92	85 - 115	P
Selenium	ug/L	1000	1000		100	85 - 115	P
Silver	ug/L	37.5	35.2		94	85 - 115	P
Sodium	ug/L	1500	1400		93	85 - 115	P
Thallium	ug/L	1000	992		99	85 - 115	P
Vanadium	ug/L	150	149		99	85 - 115	P
Zinc	ug/L	100	103		103	85 - 115	P



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Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB159541BS							
Aluminum	ug/L	1000	971		97	80 - 120	P
Antimony	ug/L	400	396		99	80 - 120	P
Arsenic	ug/L	400	396		99	80 - 120	P
Barium	ug/L	100	106		106	80 - 120	P
Beryllium	ug/L	100	98.1		98	80 - 120	P
Cadmium	ug/L	100	90.0		90	80 - 120	P
Calcium	ug/L	500	582	J	116	80 - 120	P
Chromium	ug/L	200	181		90	80 - 120	P
Cobalt	ug/L	100	88.6		89	80 - 120	P
Copper	ug/L	150	149		99	80 - 120	P
Iron	ug/L	1500	1410		94	80 - 120	P
Lead	ug/L	500	466		93	80 - 120	P
Magnesium	ug/L	1000	974	J	97	80 - 120	P
Manganese	ug/L	100	108		108	80 - 120	P
Nickel	ug/L	250	232		93	80 - 120	P
Potassium	ug/L	5000	4610		92	80 - 120	P
Selenium	ug/L	1000	977		98	80 - 120	P
Silver	ug/L	37.5	36.2		96	80 - 120	P
Sodium	ug/L	1500	1360		91	80 - 120	P
Thallium	ug/L	1000	962		96	80 - 120	P
Vanadium	ug/L	150	148		99	80 - 120	P
Zinc	ug/L	100	102		102	80 - 120	P



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Contract:	LIRO01	Lab Code:	CHEM	Case No.:	P1747	SAS No.:	P1747

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB159659BS							
Mercury	ug/L	4.0	3.63		91	80 - 120	CV



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Client: LiRo Engineers, Inc.

SDG No.: P1747

Contract: LIRO01

Lab Code: CHEM

Case No.: P1747

SAS No.: P1747

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB159691BS Mercury	ug/L	4.0	3.50		88	85 - 115	CV