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Metals

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CRDL STANDARD FOR AA & ICP

Client: Union Paving & Construction Company **SDG No.:** P4663
Contract: UNIO02 **Lab Code:** CHEM **Case No.:** P4663 **SAS No.:** P4663
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.21	0.2	105	40 - 160	CV	11/04/2024	14:25	LB133275
CRI01	Aluminum	118	100	118	40 - 160	P	11/04/2024	17:52	LB133296
	Antimony	50.4	50.0	101	40 - 160	P	11/04/2024	17:52	LB133296
	Arsenic	19.6	20.0	98	40 - 160	P	11/04/2024	17:52	LB133296
	Barium	105	100	104	40 - 160	P	11/04/2024	17:52	LB133296
	Beryllium	6.34	6.0	106	40 - 160	P	11/04/2024	17:52	LB133296
	Cadmium	6.64	6.0	111	40 - 160	P	11/04/2024	17:52	LB133296
	Calcium	2040	2000	102	40 - 160	P	11/04/2024	17:52	LB133296
	Chromium	10.7	10.0	107	40 - 160	P	11/04/2024	17:52	LB133296
	Cobalt	30.3	30.0	101	40 - 160	P	11/04/2024	17:52	LB133296
	Copper	22.5	20.0	112	40 - 160	P	11/04/2024	17:52	LB133296
	Iron	97.6	100	98	40 - 160	P	11/04/2024	17:52	LB133296
	Lead	11.7	12.0	98	40 - 160	P	11/04/2024	17:52	LB133296
	Magnesium	2110	2000	105	40 - 160	P	11/04/2024	17:52	LB133296
	Manganese	20.7	20.0	103	40 - 160	P	11/04/2024	17:52	LB133296
	Nickel	40.2	40.0	100	40 - 160	P	11/04/2024	17:52	LB133296
	Potassium	1820	2000	91	40 - 160	P	11/04/2024	17:52	LB133296
	Selenium	18.8	20.0	94	40 - 160	P	11/04/2024	17:52	LB133296
	Silver	10.4	10.0	104	40 - 160	P	11/04/2024	17:52	LB133296
	Sodium	1960	2000	98	40 - 160	P	11/04/2024	17:52	LB133296
	Thallium	39.9	40.0	100	40 - 160	P	11/04/2024	17:52	LB133296
	Vanadium	41.0	40.0	103	40 - 160	P	11/04/2024	17:52	LB133296
	Zinc	43.4	40.0	108	40 - 160	P	11/04/2024	17:52	LB133296
CRI01	Aluminum	101	100	101	40 - 160	P	11/06/2024	18:04	LB133323
	Antimony	49.9	50.0	100	40 - 160	P	11/06/2024	18:04	LB133323
	Arsenic	20.3	20.0	102	40 - 160	P	11/06/2024	18:04	LB133323
	Barium	106	100	106	40 - 160	P	11/06/2024	18:04	LB133323
	Beryllium	6.12	6.0	102	40 - 160	P	11/06/2024	18:04	LB133323
	Cadmium	6.64	6.0	111	40 - 160	P	11/06/2024	18:04	LB133323
	Calcium	2070	2000	104	40 - 160	P	11/06/2024	18:04	LB133323
	Chromium	9.93	10.0	99	40 - 160	P	11/06/2024	18:04	LB133323
	Cobalt	29.6	30.0	99	40 - 160	P	11/06/2024	18:04	LB133323
	Copper	21.9	20.0	109	40 - 160	P	11/06/2024	18:04	LB133323
	Iron	76.9	100	77	40 - 160	P	11/06/2024	18:04	LB133323
	Lead	11.2	12.0	94	40 - 160	P	11/06/2024	18:04	LB133323

Metals

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CRDL STANDARD FOR AA & ICP

Client: Union Paving & Construction Company

SDG No.: P4663

Contract: UNIO02

Lab Code: CHEM

Case No.: P4663

SAS No.: P4663

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Magnesium	2070	2000	104	40 - 160	P	11/06/2024	18:04	LB133323
	Manganese	21.2	20.0	106	40 - 160	P	11/06/2024	18:04	LB133323
	Nickel	39.4	40.0	99	40 - 160	P	11/06/2024	18:04	LB133323
	Potassium	1940	2000	97	40 - 160	P	11/06/2024	18:04	LB133323
	Selenium	19.9	20.0	99	40 - 160	P	11/06/2024	18:04	LB133323
	Silver	10.5	10.0	105	40 - 160	P	11/06/2024	18:04	LB133323
	Sodium	1590	2000	80	40 - 160	P	11/06/2024	18:04	LB133323
	Thallium	41.9	40.0	105	40 - 160	P	11/06/2024	18:04	LB133323
	Vanadium	41.8	40.0	104	40 - 160	P	11/06/2024	18:04	LB133323
	Zinc	40.8	40.0	102	40 - 160	P	11/06/2024	18:04	LB133323
CRI01	Aluminum	106	100	106	40 - 160	P	11/07/2024	14:42	LB133344
	Antimony	51.9	50.0	104	40 - 160	P	11/07/2024	14:42	LB133344
	Arsenic	19.9	20.0	99	40 - 160	P	11/07/2024	14:42	LB133344
	Barium	99.8	100	100	40 - 160	P	11/07/2024	14:42	LB133344
	Beryllium	5.88	6.0	98	40 - 160	P	11/07/2024	14:42	LB133344
	Cadmium	6.45	6.0	108	40 - 160	P	11/07/2024	14:42	LB133344
	Calcium	2010	2000	101	40 - 160	P	11/07/2024	14:42	LB133344
	Chromium	9.25	10.0	92	40 - 160	P	11/07/2024	14:42	LB133344
	Cobalt	29.3	30.0	98	40 - 160	P	11/07/2024	14:42	LB133344
	Copper	22.5	20.0	112	40 - 160	P	11/07/2024	14:42	LB133344
	Iron	95.5	100	96	40 - 160	P	11/07/2024	14:42	LB133344
	Lead	11.3	12.0	94	40 - 160	P	11/07/2024	14:42	LB133344
	Magnesium	2000	2000	100	40 - 160	P	11/07/2024	14:42	LB133344
	Manganese	20.5	20.0	102	40 - 160	P	11/07/2024	14:42	LB133344
	Nickel	38.8	40.0	97	40 - 160	P	11/07/2024	14:42	LB133344
	Potassium	1950	2000	98	40 - 160	P	11/07/2024	14:42	LB133344
	Selenium	18.8	20.0	94	40 - 160	P	11/07/2024	14:42	LB133344
	Silver	10.7	10.0	107	40 - 160	P	11/07/2024	14:42	LB133344
	Sodium	1610	2000	81	40 - 160	P	11/07/2024	14:42	LB133344
	Thallium	41.6	40.0	104	40 - 160	P	11/07/2024	14:42	LB133344
	Vanadium	40.4	40.0	101	40 - 160	P	11/07/2024	14:42	LB133344
	Zinc	41.4	40.0	104	40 - 160	P	11/07/2024	14:42	LB133344