



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: JACOBS Engineering Group, Inc.

SDG No.: P3451

Contract: JACO05

Lab Code: CHEM

Case No.: P3451

SAS No.: P3451

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB72	Mercury	0.20	+/-0.20	U	0.20	CV	08/13/2024	08:55	LB131960

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CCB35	Mercury	0.20	+/-0.20	U	0.20	CV	08/13/2024	09:03	LB131960
CCB36	Mercury	0.20	+/-0.20	U	0.20	CV	08/13/2024	09:35	LB131960
CCB37	Mercury	0.20	+/-0.20	U	0.20	CV	08/13/2024	10:05	LB131960
CCB38	Mercury	0.20	+/-0.20	U	0.20	CV	08/13/2024	10:35	LB131960
CCB39	Mercury	0.20	+/-0.20	U	0.20	CV	08/13/2024	11:04	LB131960
CCB40	Mercury	0.20	+/-0.20	U	0.20	CV	08/13/2024	11:26	LB131960

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ICB01	Aluminum	100	+/-100	U	100	P	08/07/2024	16:03	LB131900
	Antimony	50.0	+/-50.0	U	50.0	P	08/07/2024	16:03	LB131900
	Arsenic	20.0	+/-20.0	U	20.0	P	08/07/2024	16:03	LB131900
	Barium	100	+/-100	U	100	P	08/07/2024	16:03	LB131900
	Beryllium	6.00	+/-6.00	U	6.00	P	08/07/2024	16:03	LB131900
	Boron	100	+/-100	U	100	P	08/07/2024	16:03	LB131900
	Cadmium	6.00	+/-6.00	U	6.00	P	08/07/2024	16:03	LB131900
	Calcium	2000	+/-2000	U	2000	P	08/07/2024	16:03	LB131900
	Chromium	10.0	+/-10.0	U	10.0	P	08/07/2024	16:03	LB131900
	Cobalt	30.0	+/-30.0	U	30.0	P	08/07/2024	16:03	LB131900
	Copper	20.0	+/-20.0	U	20.0	P	08/07/2024	16:03	LB131900
	Iron	100	+/-100	U	100	P	08/07/2024	16:03	LB131900
	Lead	12.0	+/-12.0	U	12.0	P	08/07/2024	16:03	LB131900
	Magnesium	2000	+/-2000	U	2000	P	08/07/2024	16:03	LB131900
	Manganese	20.0	+/-20.0	U	20.0	P	08/07/2024	16:03	LB131900
	Molybdenum	200	+/-200	U	200	P	08/07/2024	16:03	LB131900
	Nickel	40.0	+/-40.0	U	40.0	P	08/07/2024	16:03	LB131900
	Potassium	2000	+/-2000	U	2000	P	08/07/2024	16:03	LB131900
	Selenium	20.0	+/-20.0	U	20.0	P	08/07/2024	16:03	LB131900
	Silver	10.0	+/-10.0	U	10.0	P	08/07/2024	16:03	LB131900
	Sodium	2000	+/-2000	U	2000	P	08/07/2024	16:03	LB131900
	Strontium	20.0	+/-20.0	U	20.0	P	08/07/2024	16:03	LB131900
	Thallium	40.0	+/-40.0	U	40.0	P	08/07/2024	16:03	LB131900
	Tin	40.0	+/-40.0	U	40.0	P	08/07/2024	16:03	LB131900
	Titanium	40.0	+/-40.0	U	40.0	P	08/07/2024	16:03	LB131900
	Vanadium	40.0	+/-40.0	U	40.0	P	08/07/2024	16:03	LB131900
	Zinc	40.0	+/-40.0	U	40.0	P	08/07/2024	16:03	LB131900

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Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	08/07/2024	16:25	LB131900
	Antimony	50.0	+/-50.0	U	50.0	P	08/07/2024	16:25	LB131900
	Arsenic	20.0	+/-20.0	U	20.0	P	08/07/2024	16:25	LB131900
	Barium	100	+/-100	U	100	P	08/07/2024	16:25	LB131900
	Beryllium	6.00	+/-6.00	U	6.00	P	08/07/2024	16:25	LB131900
	Boron	100	+/-100	U	100	P	08/07/2024	16:25	LB131900
	Cadmium	6.00	+/-6.00	U	6.00	P	08/07/2024	16:25	LB131900
	Calcium	2000	+/-2000	U	2000	P	08/07/2024	16:25	LB131900
	Chromium	10.0	+/-10.0	U	10.0	P	08/07/2024	16:25	LB131900
	Cobalt	30.0	+/-30.0	U	30.0	P	08/07/2024	16:25	LB131900
	Copper	20.0	+/-20.0	U	20.0	P	08/07/2024	16:25	LB131900
	Iron	100	+/-100	U	100	P	08/07/2024	16:25	LB131900
	Lead	12.0	+/-12.0	U	12.0	P	08/07/2024	16:25	LB131900
	Magnesium	2000	+/-2000	U	2000	P	08/07/2024	16:25	LB131900
	Manganese	20.0	+/-20.0	U	20.0	P	08/07/2024	16:25	LB131900
	Molybdenum	200	+/-200	U	200	P	08/07/2024	16:25	LB131900
	Nickel	40.0	+/-40.0	U	40.0	P	08/07/2024	16:25	LB131900
	Potassium	2000	+/-2000	U	2000	P	08/07/2024	16:25	LB131900
	Selenium	20.0	+/-20.0	U	20.0	P	08/07/2024	16:25	LB131900
	Silver	10.0	+/-10.0	U	10.0	P	08/07/2024	16:25	LB131900
	Sodium	2000	+/-2000	U	2000	P	08/07/2024	16:25	LB131900
	Strontium	20.0	+/-20.0	U	20.0	P	08/07/2024	16:25	LB131900
	Thallium	40.0	+/-40.0	U	40.0	P	08/07/2024	16:25	LB131900
	Tin	40.0	+/-40.0	U	40.0	P	08/07/2024	16:25	LB131900
	Titanium	40.0	+/-40.0	U	40.0	P	08/07/2024	16:25	LB131900
	Vanadium	40.0	+/-40.0	U	40.0	P	08/07/2024	16:25	LB131900
	Zinc	40.0	+/-40.0	U	40.0	P	08/07/2024	16:25	LB131900
CCB02	Aluminum	100	+/-100	U	100	P	08/07/2024	17:18	LB131900
	Antimony	50.0	+/-50.0	U	50.0	P	08/07/2024	17:18	LB131900
	Arsenic	20.0	+/-20.0	U	20.0	P	08/07/2024	17:18	LB131900
	Barium	100	+/-100	U	100	P	08/07/2024	17:18	LB131900
	Beryllium	6.00	+/-6.00	U	6.00	P	08/07/2024	17:18	LB131900
	Boron	100	+/-100	U	100	P	08/07/2024	17:18	LB131900
	Cadmium	6.00	+/-6.00	U	6.00	P	08/07/2024	17:18	LB131900
	Calcium	2000	+/-2000	U	2000	P	08/07/2024	17:18	LB131900
	Chromium	10.0	+/-10.0	U	10.0	P	08/07/2024	17:18	LB131900
	Cobalt	30.0	+/-30.0	U	30.0	P	08/07/2024	17:18	LB131900
	Copper	20.0	+/-20.0	U	20.0	P	08/07/2024	17:18	LB131900
	Iron	100	+/-100	U	100	P	08/07/2024	17:18	LB131900

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SAS No.: P3451

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Lead	12.0	+/-12.0	U	12.0	P	08/07/2024	17:18	LB131900
	Magnesium	2000	+/-2000	U	2000	P	08/07/2024	17:18	LB131900
	Manganese	20.0	+/-20.0	U	20.0	P	08/07/2024	17:18	LB131900
	Molybdenum	200	+/-200	U	200	P	08/07/2024	17:18	LB131900
	Nickel	40.0	+/-40.0	U	40.0	P	08/07/2024	17:18	LB131900
	Potassium	2000	+/-2000	U	2000	P	08/07/2024	17:18	LB131900
	Selenium	20.0	+/-20.0	U	20.0	P	08/07/2024	17:18	LB131900
	Silver	10.0	+/-10.0	U	10.0	P	08/07/2024	17:18	LB131900
	Sodium	2000	+/-2000	U	2000	P	08/07/2024	17:18	LB131900
	Strontium	20.0	+/-20.0	U	20.0	P	08/07/2024	17:18	LB131900
	Thallium	40.0	+/-40.0	U	40.0	P	08/07/2024	17:18	LB131900
	Tin	40.0	+/-40.0	U	40.0	P	08/07/2024	17:18	LB131900
	Titanium	40.0	+/-40.0	U	40.0	P	08/07/2024	17:18	LB131900
	Vanadium	40.0	+/-40.0	U	40.0	P	08/07/2024	17:18	LB131900
	Zinc	40.0	+/-40.0	U	40.0	P	08/07/2024	17:18	LB131900
CCB03	Aluminum	100	+/-100	U	100	P	08/07/2024	18:55	LB131900
	Antimony	50.0	+/-50.0	U	50.0	P	08/07/2024	18:55	LB131900
	Arsenic	20.0	+/-20.0	U	20.0	P	08/07/2024	18:55	LB131900
	Barium	100	+/-100	U	100	P	08/07/2024	18:55	LB131900
	Beryllium	6.00	+/-6.00	U	6.00	P	08/07/2024	18:55	LB131900
	Boron	100	+/-100	U	100	P	08/07/2024	18:55	LB131900
	Cadmium	6.00	+/-6.00	U	6.00	P	08/07/2024	18:55	LB131900
	Calcium	2000	+/-2000	U	2000	P	08/07/2024	18:55	LB131900
	Chromium	10.0	+/-10.0	U	10.0	P	08/07/2024	18:55	LB131900
	Cobalt	30.0	+/-30.0	U	30.0	P	08/07/2024	18:55	LB131900
	Copper	20.0	+/-20.0	U	20.0	P	08/07/2024	18:55	LB131900
	Iron	100	+/-100	U	100	P	08/07/2024	18:55	LB131900
	Lead	12.0	+/-12.0	U	12.0	P	08/07/2024	18:55	LB131900
	Magnesium	2000	+/-2000	U	2000	P	08/07/2024	18:55	LB131900
	Manganese	20.0	+/-20.0	U	20.0	P	08/07/2024	18:55	LB131900
	Molybdenum	200	+/-200	U	200	P	08/07/2024	18:55	LB131900
	Nickel	40.0	+/-40.0	U	40.0	P	08/07/2024	18:55	LB131900
	Potassium	2000	+/-2000	U	2000	P	08/07/2024	18:55	LB131900
	Selenium	20.0	+/-20.0	U	20.0	P	08/07/2024	18:55	LB131900
	Silver	10.0	+/-10.0	U	10.0	P	08/07/2024	18:55	LB131900
	Sodium	509	+/-2000	J	2000	P	08/07/2024	18:55	LB131900
	Strontium	20.0	+/-20.0	U	20.0	P	08/07/2024	18:55	LB131900
	Thallium	40.0	+/-40.0	U	40.0	P	08/07/2024	18:55	LB131900
	Tin	40.0	+/-40.0	U	40.0	P	08/07/2024	18:55	LB131900

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CCB03	Titanium	40.0	+/-40.0	U	40.0	P	08/07/2024	18:55	LB131900
	Vanadium	40.0	+/-40.0	U	40.0	P	08/07/2024	18:55	LB131900
	Zinc	40.0	+/-40.0	U	40.0	P	08/07/2024	18:55	LB131900
CCB04	Aluminum	100	+/-100	U	100	P	08/07/2024	19:52	LB131900
	Antimony	50.0	+/-50.0	U	50.0	P	08/07/2024	19:52	LB131900
	Arsenic	20.0	+/-20.0	U	20.0	P	08/07/2024	19:52	LB131900
	Barium	100	+/-100	U	100	P	08/07/2024	19:52	LB131900
	Beryllium	6.00	+/-6.00	U	6.00	P	08/07/2024	19:52	LB131900
	Boron	100	+/-100	U	100	P	08/07/2024	19:52	LB131900
	Cadmium	6.00	+/-6.00	U	6.00	P	08/07/2024	19:52	LB131900
	Calcium	2000	+/-2000	U	2000	P	08/07/2024	19:52	LB131900
	Chromium	10.0	+/-10.0	U	10.0	P	08/07/2024	19:52	LB131900
	Cobalt	30.0	+/-30.0	U	30.0	P	08/07/2024	19:52	LB131900
	Copper	20.0	+/-20.0	U	20.0	P	08/07/2024	19:52	LB131900
	Iron	100	+/-100	U	100	P	08/07/2024	19:52	LB131900
	Lead	12.0	+/-12.0	U	12.0	P	08/07/2024	19:52	LB131900
	Magnesium	2000	+/-2000	U	2000	P	08/07/2024	19:52	LB131900
	Manganese	20.0	+/-20.0	U	20.0	P	08/07/2024	19:52	LB131900
	Molybdenum	200	+/-200	U	200	P	08/07/2024	19:52	LB131900
	Nickel	40.0	+/-40.0	U	40.0	P	08/07/2024	19:52	LB131900
	Potassium	2000	+/-2000	U	2000	P	08/07/2024	19:52	LB131900
	Selenium	20.0	+/-20.0	U	20.0	P	08/07/2024	19:52	LB131900
	Silver	10.0	+/-10.0	U	10.0	P	08/07/2024	19:52	LB131900
	Sodium	2000	+/-2000	U	2000	P	08/07/2024	19:52	LB131900
	Strontium	20.0	+/-20.0	U	20.0	P	08/07/2024	19:52	LB131900
	Thallium	40.0	+/-40.0	U	40.0	P	08/07/2024	19:52	LB131900
	Tin	40.0	+/-40.0	U	40.0	P	08/07/2024	19:52	LB131900
	Titanium	40.0	+/-40.0	U	40.0	P	08/07/2024	19:52	LB131900
	Vanadium	40.0	+/-40.0	U	40.0	P	08/07/2024	19:52	LB131900
	Zinc	40.0	+/-40.0	U	40.0	P	08/07/2024	19:52	LB131900