



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.: P3657

Contract: JACO05

Lab Code: CHEM

Case No.: P3657

SAS No.: P3657

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB92	Mercury	0.20	+/-0.20	U	0.20	CV	08/22/2024	14:28	LB132130

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CCB11	Mercury	0.20	+/-0.20	U	0.20	CV	08/22/2024	14:33	LB132130
CCB12	Mercury	0.20	+/-0.20	U	0.20	CV	08/22/2024	15:00	LB132130
CCB13	Mercury	0.20	+/-0.20	U	0.20	CV	08/22/2024	15:27	LB132130
CCB14	Mercury	0.20	+/-0.20	U	0.20	CV	08/22/2024	16:00	LB132130
CCB15	Mercury	0.20	+/-0.20	U	0.20	CV	08/22/2024	16:23	LB132130

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ICB01	Aluminum	20.0	+/-20.0	U	20.0	P	09/04/2024	14:10	LB132280
	Antimony	2.00	+/-2.00	U	2.00	P	09/04/2024	14:10	LB132280
	Arsenic	1.00	+/-1.00	U	1.00	P	09/04/2024	14:10	LB132280
	Barium	10.0	+/-10.0	U	10.0	P	09/04/2024	14:10	LB132280
	Beryllium	1.00	+/-1.00	U	1.00	P	09/04/2024	14:10	LB132280
	Cadmium	1.00	+/-1.00	U	1.00	P	09/04/2024	14:10	LB132280
	Calcium	500	+/-500	U	500	P	09/04/2024	14:10	LB132280
	Chromium	2.00	+/-2.00	U	2.00	P	09/04/2024	14:10	LB132280
	Cobalt	1.00	+/-1.00	U	1.00	P	09/04/2024	14:10	LB132280
	Copper	2.00	+/-2.00	U	2.00	P	09/04/2024	14:10	LB132280
	Iron	50.0	+/-50.0	U	50.0	P	09/04/2024	14:10	LB132280
	Lead	1.00	+/-1.00	U	1.00	P	09/04/2024	14:10	LB132280
	Magnesium	500	+/-500	U	500	P	09/04/2024	14:10	LB132280
	Manganese	1.00	+/-1.00	U	1.00	P	09/04/2024	14:10	LB132280
	Nickel	1.00	+/-1.00	U	1.00	P	09/04/2024	14:10	LB132280
	Potassium	500	+/-500	U	500	P	09/04/2024	14:10	LB132280
	Selenium	5.00	+/-5.00	U	5.00	P	09/04/2024	14:10	LB132280
	Silver	1.00	+/-1.00	U	1.00	P	09/04/2024	14:10	LB132280
	Sodium	500	+/-500	U	500	P	09/04/2024	14:10	LB132280
	Thallium	1.00	+/-1.00	U	1.00	P	09/04/2024	14:10	LB132280
	Vanadium	5.00	+/-5.00	U	5.00	P	09/04/2024	14:10	LB132280
	Zinc	5.00	+/-5.00	U	5.00	P	09/04/2024	14:10	LB132280

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CCB01	Aluminum	20.0	+/-20.0	U	20.0	P	09/04/2024	14:34	LB132280
	Antimony	2.00	+/-2.00	U	2.00	P	09/04/2024	14:34	LB132280
	Arsenic	1.00	+/-1.00	U	1.00	P	09/04/2024	14:34	LB132280
	Barium	10.0	+/-10.0	U	10.0	P	09/04/2024	14:34	LB132280
	Beryllium	1.00	+/-1.00	U	1.00	P	09/04/2024	14:34	LB132280
	Cadmium	1.00	+/-1.00	U	1.00	P	09/04/2024	14:34	LB132280
	Calcium	500	+/-500	U	500	P	09/04/2024	14:34	LB132280
	Chromium	2.00	+/-2.00	U	2.00	P	09/04/2024	14:34	LB132280
	Cobalt	1.00	+/-1.00	U	1.00	P	09/04/2024	14:34	LB132280
	Copper	2.00	+/-2.00	U	2.00	P	09/04/2024	14:34	LB132280
	Iron	50.0	+/-50.0	U	50.0	P	09/04/2024	14:34	LB132280
	Lead	1.00	+/-1.00	U	1.00	P	09/04/2024	14:34	LB132280
	Magnesium	500	+/-500	U	500	P	09/04/2024	14:34	LB132280
	Manganese	1.00	+/-1.00	U	1.00	P	09/04/2024	14:34	LB132280
	Nickel	1.00	+/-1.00	U	1.00	P	09/04/2024	14:34	LB132280
	Potassium	500	+/-500	U	500	P	09/04/2024	14:34	LB132280
	Selenium	5.00	+/-5.00	U	5.00	P	09/04/2024	14:34	LB132280
	Silver	1.00	+/-1.00	U	1.00	P	09/04/2024	14:34	LB132280
	Sodium	500	+/-500	U	500	P	09/04/2024	14:34	LB132280
	Thallium	1.00	+/-1.00	U	1.00	P	09/04/2024	14:34	LB132280
	Vanadium	5.00	+/-5.00	U	5.00	P	09/04/2024	14:34	LB132280
	Zinc	5.00	+/-5.00	U	5.00	P	09/04/2024	14:34	LB132280
CCB02	Aluminum	20.0	+/-20.0	U	20.0	P	09/04/2024	15:54	LB132280
	Antimony	0.20	+/-2.00	J	2.00	P	09/04/2024	15:54	LB132280
	Arsenic	1.00	+/-1.00	U	1.00	P	09/04/2024	15:54	LB132280
	Barium	10.0	+/-10.0	U	10.0	P	09/04/2024	15:54	LB132280
	Beryllium	1.00	+/-1.00	U	1.00	P	09/04/2024	15:54	LB132280
	Cadmium	1.00	+/-1.00	U	1.00	P	09/04/2024	15:54	LB132280
	Calcium	500	+/-500	U	500	P	09/04/2024	15:54	LB132280
	Chromium	0.42	+/-2.00	J	2.00	P	09/04/2024	15:54	LB132280
	Cobalt	1.00	+/-1.00	U	1.00	P	09/04/2024	15:54	LB132280
	Copper	2.00	+/-2.00	U	2.00	P	09/04/2024	15:54	LB132280
	Iron	50.0	+/-50.0	U	50.0	P	09/04/2024	15:54	LB132280
	Lead	0.15	+/-1.00	J	1.00	P	09/04/2024	15:54	LB132280
	Magnesium	500	+/-500	U	500	P	09/04/2024	15:54	LB132280
	Manganese	1.00	+/-1.00	U	1.00	P	09/04/2024	15:54	LB132280
	Nickel	0.25	+/-1.00	J	1.00	P	09/04/2024	15:54	LB132280
	Potassium	500	+/-500	U	500	P	09/04/2024	15:54	LB132280
	Selenium	5.00	+/-5.00	U	5.00	P	09/04/2024	15:54	LB132280

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CCB02	Silver	1.00	+/-1.00	U	1.00	P	09/04/2024	15:54	LB132280
	Sodium	500	+/-500	U	500	P	09/04/2024	15:54	LB132280
	Thallium	1.00	+/-1.00	U	1.00	P	09/04/2024	15:54	LB132280
	Vanadium	5.00	+/-5.00	U	5.00	P	09/04/2024	15:54	LB132280
	Zinc	5.00	+/-5.00	U	5.00	P	09/04/2024	15:54	LB132280
CCB03	Aluminum	20.0	+/-20.0	U	20.0	P	09/04/2024	16:46	LB132280
	Antimony	2.00	+/-2.00	U	2.00	P	09/04/2024	16:46	LB132280
	Arsenic	1.00	+/-1.00	U	1.00	P	09/04/2024	16:46	LB132280
	Barium	10.0	+/-10.0	U	10.0	P	09/04/2024	16:46	LB132280
	Beryllium	1.00	+/-1.00	U	1.00	P	09/04/2024	16:46	LB132280
	Cadmium	1.00	+/-1.00	U	1.00	P	09/04/2024	16:46	LB132280
	Calcium	500	+/-500	U	500	P	09/04/2024	16:46	LB132280
	Chromium	0.45	+/-2.00	J	2.00	P	09/04/2024	16:46	LB132280
	Cobalt	1.00	+/-1.00	U	1.00	P	09/04/2024	16:46	LB132280
	Copper	2.00	+/-2.00	U	2.00	P	09/04/2024	16:46	LB132280
	Iron	50.0	+/-50.0	U	50.0	P	09/04/2024	16:46	LB132280
	Lead	1.00	+/-1.00	U	1.00	P	09/04/2024	16:46	LB132280
	Magnesium	500	+/-500	U	500	P	09/04/2024	16:46	LB132280
	Manganese	0.28	+/-1.00	J	1.00	P	09/04/2024	16:46	LB132280
	Nickel	0.29	+/-1.00	J	1.00	P	09/04/2024	16:46	LB132280
	Potassium	500	+/-500	U	500	P	09/04/2024	16:46	LB132280
	Selenium	5.00	+/-5.00	U	5.00	P	09/04/2024	16:46	LB132280
	Silver	1.00	+/-1.00	U	1.00	P	09/04/2024	16:46	LB132280
	Sodium	500	+/-500	U	500	P	09/04/2024	16:46	LB132280
	Thallium	1.00	+/-1.00	U	1.00	P	09/04/2024	16:46	LB132280
	Vanadium	5.00	+/-5.00	U	5.00	P	09/04/2024	16:46	LB132280
	Zinc	5.00	+/-5.00	U	5.00	P	09/04/2024	16:46	LB132280
CCB04	Aluminum	20.0	+/-20.0	U	20.0	P	09/04/2024	17:36	LB132280
	Antimony	0.18	+/-2.00	J	2.00	P	09/04/2024	17:36	LB132280
	Arsenic	1.00	+/-1.00	U	1.00	P	09/04/2024	17:36	LB132280
	Barium	10.0	+/-10.0	U	10.0	P	09/04/2024	17:36	LB132280
	Beryllium	1.00	+/-1.00	U	1.00	P	09/04/2024	17:36	LB132280
	Cadmium	1.00	+/-1.00	U	1.00	P	09/04/2024	17:36	LB132280
	Calcium	500	+/-500	U	500	P	09/04/2024	17:36	LB132280
	Chromium	0.47	+/-2.00	J	2.00	P	09/04/2024	17:36	LB132280
	Cobalt	1.00	+/-1.00	U	1.00	P	09/04/2024	17:36	LB132280
	Copper	2.00	+/-2.00	U	2.00	P	09/04/2024	17:36	LB132280
	Iron	50.0	+/-50.0	U	50.0	P	09/04/2024	17:36	LB132280
	Lead	0.19	+/-1.00	J	1.00	P	09/04/2024	17:36	LB132280

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CCB04	Magnesium	500	+/-500	U	500	P	09/04/2024	17:36	LB132280
	Manganese	0.38	+/-1.00	J	1.00	P	09/04/2024	17:36	LB132280
	Nickel	0.27	+/-1.00	J	1.00	P	09/04/2024	17:36	LB132280
	Potassium	500	+/-500	U	500	P	09/04/2024	17:36	LB132280
	Selenium	5.00	+/-5.00	U	5.00	P	09/04/2024	17:36	LB132280
	Silver	1.00	+/-1.00	U	1.00	P	09/04/2024	17:36	LB132280
	Sodium	500	+/-500	U	500	P	09/04/2024	17:36	LB132280
	Thallium	1.00	+/-1.00	U	1.00	P	09/04/2024	17:36	LB132280
	Vanadium	5.00	+/-5.00	U	5.00	P	09/04/2024	17:36	LB132280
	Zinc	5.00	+/-5.00	U	5.00	P	09/04/2024	17:36	LB132280
CCB05	Aluminum	20.0	+/-20.0	U	20.0	P	09/04/2024	18:24	LB132280
	Antimony	0.24	+/-2.00	J	2.00	P	09/04/2024	18:24	LB132280
	Arsenic	1.00	+/-1.00	U	1.00	P	09/04/2024	18:24	LB132280
	Barium	10.0	+/-10.0	U	10.0	P	09/04/2024	18:24	LB132280
	Beryllium	1.00	+/-1.00	U	1.00	P	09/04/2024	18:24	LB132280
	Cadmium	1.00	+/-1.00	U	1.00	P	09/04/2024	18:24	LB132280
	Calcium	500	+/-500	U	500	P	09/04/2024	18:24	LB132280
	Chromium	0.44	+/-2.00	J	2.00	P	09/04/2024	18:24	LB132280
	Cobalt	1.00	+/-1.00	U	1.00	P	09/04/2024	18:24	LB132280
	Copper	2.00	+/-2.00	U	2.00	P	09/04/2024	18:24	LB132280
	Iron	50.0	+/-50.0	U	50.0	P	09/04/2024	18:24	LB132280
	Lead	0.25	+/-1.00	J	1.00	P	09/04/2024	18:24	LB132280
	Magnesium	500	+/-500	U	500	P	09/04/2024	18:24	LB132280
	Manganese	1.00	+/-1.00	U	1.00	P	09/04/2024	18:24	LB132280
	Nickel	0.31	+/-1.00	J	1.00	P	09/04/2024	18:24	LB132280
	Potassium	500	+/-500	U	500	P	09/04/2024	18:24	LB132280
	Selenium	5.00	+/-5.00	U	5.00	P	09/04/2024	18:24	LB132280
	Silver	1.00	+/-1.00	U	1.00	P	09/04/2024	18:24	LB132280
	Sodium	500	+/-500	U	500	P	09/04/2024	18:24	LB132280
	Thallium	1.00	+/-1.00	U	1.00	P	09/04/2024	18:24	LB132280
	Vanadium	5.00	+/-5.00	U	5.00	P	09/04/2024	18:24	LB132280
	Zinc	5.00	+/-5.00	U	5.00	P	09/04/2024	18:24	LB132280