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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	R3M Engineering, Inc.				SDG No.:	P5093			
Contract:	RTHR01	Lab Code:	CHEM		Case No.:	P5093	SAS No.:	P5093	
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB11	Mercury	0.20	+/-0.20	U	0.20	CV	12/06/2024	11:40	LB133780

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Client: R3M Engineering, Inc.

SDG No.: P5093

Contract: RTHR01

Lab Code: CHEM

Case No.: P5093

SAS No.: P5093

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB95	Mercury	0.20	+/-0.20	U	0.20	CV	12/06/2024	11:45	LB133780
CCB96	Mercury	0.20	+/-0.20	U	0.20	CV	12/06/2024	12:41	LB133780
CCB97	Mercury	0.20	+/-0.20	U	0.20	CV	12/06/2024	13:01	LB133780

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Client: R3M Engineering, Inc.

SDG No.: P5093

Contract: RTHR01

Lab Code: CHEM

Case No.: P5093

SAS No.: P5093

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	12/10/2024	11:20	LB133866
	Antimony	50.0	+/-50.0	U	50.0	P	12/10/2024	11:20	LB133866
	Arsenic	20.0	+/-20.0	U	20.0	P	12/10/2024	11:20	LB133866
	Barium	100	+/-100	U	100	P	12/10/2024	11:20	LB133866
	Beryllium	6.00	+/-6.00	U	6.00	P	12/10/2024	11:20	LB133866
	Cadmium	6.00	+/-6.00	U	6.00	P	12/10/2024	11:20	LB133866
	Calcium	2000	+/-2000	U	2000	P	12/10/2024	11:20	LB133866
	Chromium	10.0	+/-10.0	U	10.0	P	12/10/2024	11:20	LB133866
	Cobalt	30.0	+/-30.0	U	30.0	P	12/10/2024	11:20	LB133866
	Copper	20.0	+/-20.0	U	20.0	P	12/10/2024	11:20	LB133866
	Iron	100	+/-100	U	100	P	12/10/2024	11:20	LB133866
	Lead	12.0	+/-12.0	U	12.0	P	12/10/2024	11:20	LB133866
	Magnesium	2000	+/-2000	U	2000	P	12/10/2024	11:20	LB133866
	Manganese	20.0	+/-20.0	U	20.0	P	12/10/2024	11:20	LB133866
	Nickel	40.0	+/-40.0	U	40.0	P	12/10/2024	11:20	LB133866
	Potassium	2000	+/-2000	U	2000	P	12/10/2024	11:20	LB133866
	Selenium	20.0	+/-20.0	U	20.0	P	12/10/2024	11:20	LB133866
	Silver	10.0	+/-10.0	U	10.0	P	12/10/2024	11:20	LB133866
	Sodium	2000	+/-2000	U	2000	P	12/10/2024	11:20	LB133866
	Thallium	40.0	+/-40.0	U	40.0	P	12/10/2024	11:20	LB133866
	Vanadium	40.0	+/-40.0	U	40.0	P	12/10/2024	11:20	LB133866
	Zinc	40.0	+/-40.0	U	40.0	P	12/10/2024	11:20	LB133866

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Client: R3M Engineering, Inc.

SDG No.: P5093

Contract: RTHR01

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Case No.: P5093

SAS No.: P5093

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	12/10/2024	11:48	LB133866
	Antimony	50.0	+/-50.0	U	50.0	P	12/10/2024	11:48	LB133866
	Arsenic	20.0	+/-20.0	U	20.0	P	12/10/2024	11:48	LB133866
	Barium	100	+/-100	U	100	P	12/10/2024	11:48	LB133866
	Beryllium	6.00	+/-6.00	U	6.00	P	12/10/2024	11:48	LB133866
	Cadmium	6.00	+/-6.00	U	6.00	P	12/10/2024	11:48	LB133866
	Calcium	2000	+/-2000	U	2000	P	12/10/2024	11:48	LB133866
	Chromium	10.0	+/-10.0	U	10.0	P	12/10/2024	11:48	LB133866
	Cobalt	30.0	+/-30.0	U	30.0	P	12/10/2024	11:48	LB133866
	Copper	20.0	+/-20.0	U	20.0	P	12/10/2024	11:48	LB133866
	Iron	100	+/-100	U	100	P	12/10/2024	11:48	LB133866
	Lead	12.0	+/-12.0	U	12.0	P	12/10/2024	11:48	LB133866
	Magnesium	2000	+/-2000	U	2000	P	12/10/2024	11:48	LB133866
	Manganese	20.0	+/-20.0	U	20.0	P	12/10/2024	11:48	LB133866
	Nickel	40.0	+/-40.0	U	40.0	P	12/10/2024	11:48	LB133866
	Potassium	2000	+/-2000	U	2000	P	12/10/2024	11:48	LB133866
	Selenium	20.0	+/-20.0	U	20.0	P	12/10/2024	11:48	LB133866
	Silver	10.0	+/-10.0	U	10.0	P	12/10/2024	11:48	LB133866
	Sodium	2000	+/-2000	U	2000	P	12/10/2024	11:48	LB133866
	Thallium	40.0	+/-40.0	U	40.0	P	12/10/2024	11:48	LB133866
	Vanadium	40.0	+/-40.0	U	40.0	P	12/10/2024	11:48	LB133866
	Zinc	40.0	+/-40.0	U	40.0	P	12/10/2024	11:48	LB133866
CCB02	Aluminum	100	+/-100	U	100	P	12/10/2024	12:39	LB133866
	Antimony	50.0	+/-50.0	U	50.0	P	12/10/2024	12:39	LB133866
	Arsenic	20.0	+/-20.0	U	20.0	P	12/10/2024	12:39	LB133866
	Barium	100	+/-100	U	100	P	12/10/2024	12:39	LB133866
	Beryllium	6.00	+/-6.00	U	6.00	P	12/10/2024	12:39	LB133866
	Cadmium	6.00	+/-6.00	U	6.00	P	12/10/2024	12:39	LB133866
	Calcium	2000	+/-2000	U	2000	P	12/10/2024	12:39	LB133866
	Chromium	10.0	+/-10.0	U	10.0	P	12/10/2024	12:39	LB133866
	Cobalt	30.0	+/-30.0	U	30.0	P	12/10/2024	12:39	LB133866
	Copper	20.0	+/-20.0	U	20.0	P	12/10/2024	12:39	LB133866
	Iron	100	+/-100	U	100	P	12/10/2024	12:39	LB133866
	Lead	12.0	+/-12.0	U	12.0	P	12/10/2024	12:39	LB133866
	Magnesium	2000	+/-2000	U	2000	P	12/10/2024	12:39	LB133866
	Manganese	20.0	+/-20.0	U	20.0	P	12/10/2024	12:39	LB133866
	Nickel	40.0	+/-40.0	U	40.0	P	12/10/2024	12:39	LB133866
	Potassium	2000	+/-2000	U	2000	P	12/10/2024	12:39	LB133866
	Selenium	20.0	+/-20.0	U	20.0	P	12/10/2024	12:39	LB133866

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Client: R3M Engineering, Inc.		SDG No.: P5093							
Contract: RTHR01	Lab Code: CHEM	Case No.: P5093	SAS No.: P5093						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	10.0	P	12/10/2024	12:39	LB133866
	Sodium	2000	+/-2000	U	2000	P	12/10/2024	12:39	LB133866
	Thallium	40.0	+/-40.0	U	40.0	P	12/10/2024	12:39	LB133866
	Vanadium	40.0	+/-40.0	U	40.0	P	12/10/2024	12:39	LB133866
	Zinc	40.0	+/-40.0	U	40.0	P	12/10/2024	12:39	LB133866
CCB03	Aluminum	100	+/-100	U	100	P	12/10/2024	13:30	LB133866
	Antimony	50.0	+/-50.0	U	50.0	P	12/10/2024	13:30	LB133866
	Arsenic	20.0	+/-20.0	U	20.0	P	12/10/2024	13:30	LB133866
	Barium	100	+/-100	U	100	P	12/10/2024	13:30	LB133866
	Beryllium	6.00	+/-6.00	U	6.00	P	12/10/2024	13:30	LB133866
	Cadmium	6.00	+/-6.00	U	6.00	P	12/10/2024	13:30	LB133866
	Calcium	2000	+/-2000	U	2000	P	12/10/2024	13:30	LB133866
	Chromium	10.0	+/-10.0	U	10.0	P	12/10/2024	13:30	LB133866
	Cobalt	30.0	+/-30.0	U	30.0	P	12/10/2024	13:30	LB133866
	Copper	20.0	+/-20.0	U	20.0	P	12/10/2024	13:30	LB133866
	Iron	100	+/-100	U	100	P	12/10/2024	13:30	LB133866
	Lead	12.0	+/-12.0	U	12.0	P	12/10/2024	13:30	LB133866
	Magnesium	2000	+/-2000	U	2000	P	12/10/2024	13:30	LB133866
	Manganese	20.0	+/-20.0	U	20.0	P	12/10/2024	13:30	LB133866
	Nickel	40.0	+/-40.0	U	40.0	P	12/10/2024	13:30	LB133866
	Potassium	2000	+/-2000	U	2000	P	12/10/2024	13:30	LB133866
	Selenium	20.0	+/-20.0	U	20.0	P	12/10/2024	13:30	LB133866
	Silver	10.0	+/-10.0	U	10.0	P	12/10/2024	13:30	LB133866
	Sodium	2000	+/-2000	U	2000	P	12/10/2024	13:30	LB133866
	Thallium	40.0	+/-40.0	U	40.0	P	12/10/2024	13:30	LB133866
	Vanadium	40.0	+/-40.0	U	40.0	P	12/10/2024	13:30	LB133866
	Zinc	40.0	+/-40.0	U	40.0	P	12/10/2024	13:30	LB133866
CCB04	Aluminum	100	+/-100	U	100	P	12/10/2024	14:24	LB133866
	Antimony	50.0	+/-50.0	U	50.0	P	12/10/2024	14:24	LB133866
	Arsenic	20.0	+/-20.0	U	20.0	P	12/10/2024	14:24	LB133866
	Barium	100	+/-100	U	100	P	12/10/2024	14:24	LB133866
	Beryllium	6.00	+/-6.00	U	6.00	P	12/10/2024	14:24	LB133866
	Cadmium	6.00	+/-6.00	U	6.00	P	12/10/2024	14:24	LB133866
	Calcium	2000	+/-2000	U	2000	P	12/10/2024	14:24	LB133866
	Chromium	10.0	+/-10.0	U	10.0	P	12/10/2024	14:24	LB133866
	Cobalt	30.0	+/-30.0	U	30.0	P	12/10/2024	14:24	LB133866
	Copper	20.0	+/-20.0	U	20.0	P	12/10/2024	14:24	LB133866
	Iron	100	+/-100	U	100	P	12/10/2024	14:24	LB133866
	Lead	12.0	+/-12.0	U	12.0	P	12/10/2024	14:24	LB133866

Metals

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Client: <u>R3M Engineering, Inc.</u>		SDG No.: <u>P5093</u>							
Contract: <u>RTHR01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P5093</u>	SAS No.: <u>P5093</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	12/10/2024	14:24	LB133866
	Manganese	20.0	+/-20.0	U	20.0	P	12/10/2024	14:24	LB133866
	Nickel	40.0	+/-40.0	U	40.0	P	12/10/2024	14:24	LB133866
	Potassium	2000	+/-2000	U	2000	P	12/10/2024	14:24	LB133866
	Selenium	20.0	+/-20.0	U	20.0	P	12/10/2024	14:24	LB133866
	Silver	10.0	+/-10.0	U	10.0	P	12/10/2024	14:24	LB133866
	Sodium	2000	+/-2000	U	2000	P	12/10/2024	14:24	LB133866
	Thallium	40.0	+/-40.0	U	40.0	P	12/10/2024	14:24	LB133866
	Vanadium	40.0	+/-40.0	U	40.0	P	12/10/2024	14:24	LB133866
	Zinc	40.0	+/-40.0	U	40.0	P	12/10/2024	14:24	LB133866