

Metals

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DUPLICATE SAMPLE SUMMARY

Client: JACOBS Engineering Group, Inc. **Level:** LOW **SDG No.:** Q2250
Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2250 **SAS No.:** Q2250
Matrix: Water **Sample ID:** Q2234-01 **Client ID:** MW-17B-55-060425DUP
Percent Solids for Sample: NA **Duplicate ID** Q2234-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	68.7		61.6		11		P
Antimony	ug/L	20	0.39	J	0.35	J	11		P
Arsenic	ug/L	20	0.94	J	0.69	J	31	*	P
Barium	ug/L	20	461		455		1		P
Beryllium	ug/L	20	1.00	U	1.00	U			P
Cadmium	ug/L	20	1.00	U	1.00	U			P
Calcium	ug/L	20	32000		31900		0		P
Chromium	ug/L	20	0.21	J	0.23	J	9		P
Cobalt	ug/L	20	8.11		8.00		1		P
Copper	ug/L	20	2.00	U	2.00	U			P
Iron	ug/L	20	6790		6740		1		P
Lead	ug/L	20	1.00	U	1.00	U			P
Magnesium	ug/L	20	9240		8980		3		P
Manganese	ug/L	20	621		618		0		P
Nickel	ug/L	20	12.1		11.9		2		P
Potassium	ug/L	20	9030		8990		0		P
Selenium	ug/L	20	5.00	U	5.00	U			P
Silver	ug/L	20	1.00	U	1.00	U			P
Sodium	ug/L	20	8060		7880		2		P
Thallium	ug/L	20	0.22	J	0.23	J	4		P
Vanadium	ug/L	20	0.73	J	0.68	J	7		P
Zinc	ug/L	20	5.06		5.17		2		P

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Client: JACOBS Engineering Group, Inc. **Level:** LOW **SDG No.:** Q2250
Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2250 **SAS No.:** Q2250
Matrix: Water **Sample ID:** Q2234-02 **Client ID:** MW-17B-55-060425MSD
Percent Solids for Sample: NA **Duplicate ID** Q2234-03 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	7550		7550		0		P
Antimony	ug/L	20	492		492		0		P
Arsenic	ug/L	20	0.97	J	0.92	J	5		P
Barium	ug/L	20	2620		2650		1		P
Beryllium	ug/L	20	494		488		1		P
Cadmium	ug/L	20	478		480		0		P
Calcium	ug/L	20	77700		76600		1		P
Chromium	ug/L	20	442		434		2		P
Cobalt	ug/L	20	471		455		3		P
Copper	ug/L	20	4710		4750		1		P
Iron	ug/L	20	26600		26600		0		P
Lead	ug/L	20	2410		2390		1		P
Magnesium	ug/L	20	53400		53300		0		P
Manganese	ug/L	20	5390		5450		1		P
Nickel	ug/L	20	481		482		0		P
Potassium	ug/L	20	29800		29800		0		P
Selenium	ug/L	20	483		484		0		P
Silver	ug/L	20	82.8		82.4		0		P
Sodium	ug/L	20	56400		57000		1		P
Thallium	ug/L	20	477		487		2		P
Vanadium	ug/L	20	458		453		1		P
Zinc	ug/L	20	4910		4920		0		P

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Client: JACOBS Engineering Group, Inc. **Level:** LOW **SDG No.:** Q2250
Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2250 **SAS No.:** Q2250
Matrix: Water **Sample ID:** Q2234-08 **Client ID:** MW-17B-55-060425DUP
Percent Solids for Sample: NA **Duplicate ID** Q2234-08DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	17.9	J	17.4	J	3		P
Antimony	ug/L	20	0.28	J	0.29	J	4		P
Arsenic	ug/L	20	0.88	J	0.88	J	0		P
Barium	ug/L	20	462		471		2		P
Beryllium	ug/L	20	1.00	U	1.00	U			P
Cadmium	ug/L	20	1.00	U	1.00	U			P
Calcium	ug/L	20	34100		35000		3		P
Chromium	ug/L	20	2.00	U	2.00	U			P
Cobalt	ug/L	20	8.20		8.24		0		P
Copper	ug/L	20	2.00	U	2.00	U			P
Iron	ug/L	20	6980		7010		0		P
Lead	ug/L	20	1.00	U	1.00	U			P
Magnesium	ug/L	20	9620		9680		1		P
Manganese	ug/L	20	651		653		0		P
Nickel	ug/L	20	11.4		11.8		3		P
Potassium	ug/L	20	8840		8810		0		P
Selenium	ug/L	20	5.00	U	5.00	U			P
Silver	ug/L	20	1.00	U	1.00	U			P
Sodium	ug/L	20	7570		7800		3		P
Thallium	ug/L	20	0.23	J	0.22	J	4		P
Vanadium	ug/L	20	0.27	J	0.26	J	4		P
Zinc	ug/L	20	4.13	J	4.18	J	1		P

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Client: JACOBS Engineering Group, Inc. **Level:** LOW **SDG No.:** Q2250
Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2250 **SAS No.:** Q2250
Matrix: Water **Sample ID:** Q2234-09 **Client ID:** MW-17B-55-060425MSD
Percent Solids for Sample: NA **Duplicate ID** Q2234-10 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	7720		7600		2		P
Antimony	ug/L	20	509		507		0		P
Arsenic	ug/L	20	0.90	J	0.88	J	2		P
Barium	ug/L	20	2730		2750		1		P
Beryllium	ug/L	20	498		495		1		P
Cadmium	ug/L	20	496		491		1		P
Calcium	ug/L	20	79400		80200		1		P
Chromium	ug/L	20	454		446		2		P
Cobalt	ug/L	20	471		465		1		P
Copper	ug/L	20	4880		4800		2		P
Iron	ug/L	20	27300		26900		1		P
Lead	ug/L	20	2440		2420		1		P
Magnesium	ug/L	20	55000		54500		1		P
Manganese	ug/L	20	5630		5480		3		P
Nickel	ug/L	20	496		490		1		P
Potassium	ug/L	20	30300		29700		2		P
Selenium	ug/L	20	493		496		1		P
Silver	ug/L	20	85.4		85.7		0		P
Sodium	ug/L	20	58100		57200		2		P
Thallium	ug/L	20	495		493		0		P
Vanadium	ug/L	20	472		464		2		P
Zinc	ug/L	20	5070		4940		3		P

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Client: JACOBS Engineering Group, Inc. **Level:** LOW **SDG No.:** Q2250
Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2250 **SAS No.:** Q2250
Matrix: Water **Sample ID:** Q2237-02 **Client ID:** TW-WTS-10DUP
Percent Solids for Sample: NA **Duplicate ID** Q2237-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.20	U	0.20	U			CV

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Client: JACOBS Engineering Group, Inc. **Level:** LOW **SDG No.:** Q2250
Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2250 **SAS No.:** Q2250
Matrix: Water **Sample ID:** Q2237-02MS **Client ID:** TW-WTS-10MSD
Percent Solids for Sample: NA **Duplicate ID** Q2237-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	5.01		5.01		0		CV