

Metals

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DUPLICATE SAMPLE SUMMARY

Client: CDM Smith **Level:** LOW **SDG No.:** Q2032
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2032 **SAS No.:** Q2032
Matrix: Solid **Sample ID:** Q2032-04 **Client ID:** TP-24DUP
Percent Solids for Sample: 74.2 **Duplicate ID** Q2032-04DUP **Percent Solids for Spike Sample:** 74.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	4380		4600		5		P
Antimony	mg/Kg	20	2.77	U	3.04	U			P
Arsenic	mg/Kg	20	3.54		3.36		5		P
Barium	mg/Kg	20	18.5		20.5		10		P
Beryllium	mg/Kg	20	0.38		0.43		12		P
Cadmium	mg/Kg	20	0.27	J	0.46		53		P
Calcium	mg/Kg	20	351		342		3		P
Chromium	mg/Kg	20	16.8		19.4		14		P
Cobalt	mg/Kg	20	1.63	J	1.60	J	2		P
Copper	mg/Kg	20	13.5		15.4		13		P
Iron	mg/Kg	20	24300		24800		2		P
Lead	mg/Kg	20	11.7		22.5		63	*	P
Magnesium	mg/Kg	20	287		270		6		P
Manganese	mg/Kg	20	16.5		14.1		16		P
Mercury	mg/Kg	20	0.030		0.037		21		CV
Nickel	mg/Kg	20	2.56		2.55		0		P
Potassium	mg/Kg	20	427		413		3		P
Selenium	mg/Kg	20	1.11	U	1.21	U			P
Silver	mg/Kg	20	0.56	U	0.61	U			P
Sodium	mg/Kg	20	388		364		6		P
Thallium	mg/Kg	20	1.91	J	1.96	J	3		P
Vanadium	mg/Kg	20	26.4		22.1		18		P
Zinc	mg/Kg	20	15.3		15.8		3		P

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DUPLICATE SAMPLE SUMMARY

Client: CDM Smith **Level:** LOW **SDG No.:** Q2032
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2032 **SAS No.:** Q2032
Matrix: Solid **Sample ID:** Q2032-05 **Client ID:** TP-24MSD
Percent Solids for Sample: 74.2 **Duplicate ID** Q2032-06 **Percent Solids for Spike Sample:** 74.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5840		7780		28	*	P
Antimony	mg/Kg	20	13.5		14.0		4		P
Arsenic	mg/Kg	20	44.6		54.6		20		P
Barium	mg/Kg	20	27.1		29.8		9		P
Beryllium	mg/Kg	20	10.7		11.5		7		P
Cadmium	mg/Kg	20	13.2		11.8		11		P
Calcium	mg/Kg	20	387		602		43	*	P
Chromium	mg/Kg	20	40.3		43.3		7		P
Cobalt	mg/Kg	20	14.0		13.6		3		P
Copper	mg/Kg	20	35.2		34.8		1		P
Iron	mg/Kg	20	26800		51100		62	*	P
Lead	mg/Kg	20	72.0		62.6		14		P
Magnesium	mg/Kg	20	467		271		53	*	P
Manganese	mg/Kg	20	29.5		22.9		25	*	P
Mercury	mg/Kg	20	0.33		0.32		2		CV
Nickel	mg/Kg	20	33.4		30.8		8		P
Potassium	mg/Kg	20	748		832		11		P
Selenium	mg/Kg	20	94.5		100		6		P
Silver	mg/Kg	20	3.51		3.90		11		P
Sodium	mg/Kg	20	409		601		38	*	P
Thallium	mg/Kg	20	124		121		2		P
Vanadium	mg/Kg	20	39.5		52.6		28	*	P
Zinc	mg/Kg	20	29.4		32.8		11		P

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DUPLICATE SAMPLE SUMMARY

Client: CDM Smith **Level:** LOW **SDG No.:** Q2032
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2032 **SAS No.:** Q2032
Matrix: Water **Sample ID:** Q2033-01 **Client ID:** TW-WTS-08DUP
Percent Solids for Sample: NA **Duplicate ID** Q2033-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	286		301		5		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	160		166		4		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	245000		251000		2		P
Chromium	ug/L	20	79.3		83.6		5		P
Cobalt	ug/L	20	1.98	J	1.93	J	3		P
Copper	ug/L	20	19.1		19.5		2		P
Iron	ug/L	20	5530		5830		5		P
Lead	ug/L	20	4.28	J	4.38	J	2		P
Magnesium	ug/L	20	1000	U	1000	U			P
Manganese	ug/L	20	10.0	U	10.0	U			P
Nickel	ug/L	20	18.1	J	18.9	J	4		P
Potassium	ug/L	20	256000		270000		5		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	109000		115000		5		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	4.53	J	4.93	J	8		P
Zinc	ug/L	20	8.68	J	20.0	U	200.0		P

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DUPLICATE SAMPLE SUMMARY

Client: CDM Smith **Level:** LOW **SDG No.:** Q2032
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2032 **SAS No.:** Q2032
Matrix: Water **Sample ID:** Q2033-01MS **Client ID:** TW-WTS-08MSD
Percent Solids for Sample: NA **Duplicate ID** Q2033-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1290		1280		1		P
Antimony	ug/L	20	413		415		0		P
Arsenic	ug/L	20	416		416		0		P
Barium	ug/L	20	264		254		4		P
Beryllium	ug/L	20	93.8		105		11		P
Cadmium	ug/L	20	99.9		101		1		P
Calcium	ug/L	20	253000		251000		1		P
Chromium	ug/L	20	273		276		1		P
Cobalt	ug/L	20	100		101		1		P
Copper	ug/L	20	160		162		1		P
Iron	ug/L	20	7710		7010		10		P
Lead	ug/L	20	481		484		1		P
Magnesium	ug/L	20	898	J	927	J	3		P
Manganese	ug/L	20	94.7		94.6		0		P
Nickel	ug/L	20	261		263		1		P
Potassium	ug/L	20	287000		263000		9		P
Selenium	ug/L	20	1020		1030		1		P
Silver	ug/L	20	6.75		5.41		22		P
Sodium	ug/L	20	124000		111000		11		P
Thallium	ug/L	20	953		962		1		P
Vanadium	ug/L	20	150		150		0		P
Zinc	ug/L	20	107		108		1		P

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DUPLICATE SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2032</u>
Contract:	<u>CAMP02</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2032</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2044-02</u>	Client ID:	<u>3859DUP</u>
Percent Solids for Sample:	<u>NA</u>	Duplicate ID	<u>Q2044-02DUP</u>	Percent Solids for Spike Sample:	<u>NA</u>

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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DUPLICATE SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2032</u>
Contract:	<u>CAMP02</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2032</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2044-02MS</u>	Client ID:	<u>3859MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2044-02MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	1.97		2.75		33	*	CV