

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2198
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198
Matrix: Solid **Sample ID:** Q2195-01 **Client ID:** OK-01-060325DUP
Percent Solids for Sample: 94.4 **Duplicate ID** Q2195-01DUP **Percent Solids for Spike Sample:** 94.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	6560		5730		14		P
Antimony	mg/Kg	20	2.46	U	2.40	U			P
Arsenic	mg/Kg	20	1.40		1.22		14		P
Barium	mg/Kg	20	32.7		28.5		14		P
Beryllium	mg/Kg	20	0.29	J	0.26	J	9		P
Cadmium	mg/Kg	20	0.70		0.43		48	*	P
Calcium	mg/Kg	20	2630		2770		5		P
Chromium	mg/Kg	20	17.7		15.4		14		P
Cobalt	mg/Kg	20	10.1		8.69		15		P
Copper	mg/Kg	20	38.9		34.3		13		P
Iron	mg/Kg	20	15000		13400		11		P
Lead	mg/Kg	20	4.53		4.82		6		P
Magnesium	mg/Kg	20	3660		3330		9		P
Manganese	mg/Kg	20	203		177		14		P
Mercury	mg/Kg	20	0.0090	J	0.014	U	200.0		CV
Nickel	mg/Kg	20	17.9		15.3		16		P
Potassium	mg/Kg	20	1810		1600		12		P
Selenium	mg/Kg	20	0.99	U	0.36	J	200.0		P
Silver	mg/Kg	20	0.77		0.69		10		P
Sodium	mg/Kg	20	234		174		29	*	P
Thallium	mg/Kg	20	1.97	U	1.92	U			P
Vanadium	mg/Kg	20	26.0		24.3		7		P
Zinc	mg/Kg	20	25.8		24.1		7		P

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2198
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198
Matrix: Solid **Sample ID:** Q2195-01MS **Client ID:** OK-01-060325MSD
Percent Solids for Sample: 94.4 **Duplicate ID** Q2195-01MSD **Percent Solids for Spike Sample:** 94.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	7080		7130		1		P
Antimony	mg/Kg	20	12.8		11.4		12		P
Arsenic	mg/Kg	20	33.0		30.4		8		P
Barium	mg/Kg	20	45.7		39.3		15		P
Beryllium	mg/Kg	20	7.37		6.79		8		P
Cadmium	mg/Kg	20	10.8		10.0		7		P
Calcium	mg/Kg	20	3380		2900		15		P
Chromium	mg/Kg	20	37.4		31.1		18		P
Cobalt	mg/Kg	20	21.5		19.4		10		P
Copper	mg/Kg	20	53.9		48.8		10		P
Iron	mg/Kg	20	16700		14400		15		P
Lead	mg/Kg	20	53.9		50.1		7		P
Magnesium	mg/Kg	20	4380		3740		16		P
Manganese	mg/Kg	20	216		188		14		P
Mercury	mg/Kg	20	0.22		0.22		0		CV
Nickel	mg/Kg	20	45.4		41.3		9		P
Potassium	mg/Kg	20	2560		2070		21	*	P
Selenium	mg/Kg	20	76.0		69.8		9		P
Silver	mg/Kg	20	3.77		3.25		15		P
Sodium	mg/Kg	20	217		253		15		P
Thallium	mg/Kg	20	92.7		86.7		7		P
Vanadium	mg/Kg	20	39.3		37.1		6		P
Zinc	mg/Kg	20	39.5		32.9		18		P

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2198
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198
Matrix: Water **Sample ID:** Q2198-05 **Client ID:** B-202-GW01DUP
Percent Solids for Sample: NA **Duplicate ID** Q2198-05DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	23100	D	25100	D	8		P
Antimony	ug/L	20	125	UD	125	UD			P
Arsenic	ug/L	20	50.0	UD	50.0	UD			P
Barium	ug/L	20	68.1	JD	79.7	JD	16		P
Beryllium	ug/L	20	15.0	UD	15.0	UD			P
Cadmium	ug/L	20	15.0	UD	15.0	UD			P
Calcium	ug/L	20	33200	D	36700	D	10		P
Chromium	ug/L	20	59.5	D	62.6	D	5		P
Cobalt	ug/L	20	6.74	JD	7.08	JD	5		P
Copper	ug/L	20	50.5	D	52.9	D	5		P
Iron	ug/L	20	26800	D	32400	D	19		P
Lead	ug/L	20	79.0	D	86.6	D	9		P
Magnesium	ug/L	20	36300	D	39400	D	8		P
Manganese	ug/L	20	354	D	394	D	11		P
Nickel	ug/L	20	23.9	JD	24.9	JD	4		P
Potassium	ug/L	20	30400	D	35800	D	16		P
Selenium	ug/L	20	50.0	UD	50.0	UD			P
Silver	ug/L	20	25.0	UD	25.0	UD			P
Sodium	ug/L	20	367000	D	436000	D	17		P
Thallium	ug/L	20	100	UD	100	UD			P
Vanadium	ug/L	20	77.0	JD	85.5	JD	10		P
Zinc	ug/L	20	149	D	141	D	6		P

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Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2198
Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2198 **SAS No.:** Q2198
Matrix: Water **Sample ID:** Q2198-05MS **Client ID:** B-202-GW01MSD
Percent Solids for Sample: NA **Duplicate ID** Q2198-05MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	29600	D	30200	D	2		P
Antimony	ug/L	20	281	D	285	D	1		P
Arsenic	ug/L	20	355	D	360	D	1		P
Barium	ug/L	20	174	JD	176	JD	1		P
Beryllium	ug/L	20	98.5	D	99.5	D	1		P
Cadmium	ug/L	20	97.6	D	99.4	D	2		P
Calcium	ug/L	20	37400	D	37700	D	1		P
Chromium	ug/L	20	254	D	265	D	4		P
Cobalt	ug/L	20	106	D	108	D	2		P
Copper	ug/L	20	199	D	203	D	2		P
Iron	ug/L	20	31800	D	34000	D	7		P
Lead	ug/L	20	555	D	568	D	2		P
Magnesium	ug/L	20	41400	D	41800	D	1		P
Manganese	ug/L	20	490	D	493	D	1		P
Nickel	ug/L	20	272	D	277	D	2		P
Potassium	ug/L	20	37500	D	39800	D	6		P
Selenium	ug/L	20	867	D	873	D	1		P
Silver	ug/L	20	35.9	D	37.1	D	3		P
Sodium	ug/L	20	395000	D	414000	D	5		P
Thallium	ug/L	20	942	D	946	D	0		P
Vanadium	ug/L	20	227	D	230	D	1		P
Zinc	ug/L	20	239	D	245	D	2		P

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2198</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2198</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2216-02</u>	Client ID:	<u>3887DUP</u>
Percent Solids for Sample:	<u>NA</u>	Duplicate ID	<u>Q2216-02DUP</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>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2198</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2198</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2216-02MS</u>	Client ID:	<u>3887MSD</u>
Percent Solids for Sample:	<u>NA</u>	Duplicate ID	<u>Q2216-02MSD</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	4.16		3.65		13		CV