

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** P4718
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4718 **SAS No.:** P4718
Matrix: Solid **Sample ID:** P4699-01 **Client ID:** MIXED-DEMODUP
Percent Solids for Sample: 99.5 **Duplicate ID** P4699-01DUP **Percent Solids for Spike Sample:** 99.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3900		4320		10		P
Antimony	mg/Kg	20	0.18	J	0.20	J	11		P
Arsenic	mg/Kg	20	0.81	J	0.95		16		P
Barium	mg/Kg	20	17.9		19.9		11		P
Beryllium	mg/Kg	20	0.17	J	0.19	J	12		P
Cadmium	mg/Kg	20	0.46		0.50		8		P
Calcium	mg/Kg	20	64800		72200		11		P
Chromium	mg/Kg	20	16.0		17.6		10		P
Cobalt	mg/Kg	20	1.10	J	1.20	J	9		P
Copper	mg/Kg	20	5.06		5.57		10		P
Iron	mg/Kg	20	3100		3390		9		P
Lead	mg/Kg	20	4.31		4.87		12		P
Magnesium	mg/Kg	20	13200		14600		10		P
Manganese	mg/Kg	20	142		156		9		P
Nickel	mg/Kg	20	3.50		3.86		10		P
Potassium	mg/Kg	20	1410		1540		9		P
Selenium	mg/Kg	20	0.82	U	0.90	U			P
Silver	mg/Kg	20	0.21	J	0.22	J	3		P
Sodium	mg/Kg	20	362		396		9		P
Thallium	mg/Kg	20	1.65	U	1.79	U			P
Vanadium	mg/Kg	20	5.40		6.06		12		P
Zinc	mg/Kg	20	50.0		53.6		7		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** P4718
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4718 **SAS No.:** P4718
Matrix: Solid **Sample ID:** P4699-01MS **Client ID:** MIXED-DEMOMSD
Percent Solids for Sample: 99.5 **Duplicate ID** P4699-01MSD **Percent Solids for Spike Sample:** 99.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	4160		4550		9		P
Antimony	mg/Kg	20	35.5		37.5		5		P
Arsenic	mg/Kg	20	37.3		39.2		5		P
Barium	mg/Kg	20	26.5		29.0		9		P
Beryllium	mg/Kg	20	8.92		8.59		4		P
Cadmium	mg/Kg	20	8.39		8.98		7		P
Calcium	mg/Kg	20	67400		74000		9		P
Chromium	mg/Kg	20	30.8		33.1		7		P
Cobalt	mg/Kg	20	9.10		9.76		7		P
Copper	mg/Kg	20	16.2		17.3		7		P
Iron	mg/Kg	20	3270		3530		8		P
Lead	mg/Kg	20	42.1		45.2		7		P
Magnesium	mg/Kg	20	13700		12800		7		P
Manganese	mg/Kg	20	152		151		1		P
Nickel	mg/Kg	20	23.1		24.8		7		P
Potassium	mg/Kg	20	1960		2080		6		P
Selenium	mg/Kg	20	86.0		90.0		5		P
Silver	mg/Kg	20	3.61		3.84		6		P
Sodium	mg/Kg	20	538		568		5		P
Thallium	mg/Kg	20	80.8		85.5		6		P
Vanadium	mg/Kg	20	16.8		18.3		9		P
Zinc	mg/Kg	20	58.9		63.5		8		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>P4718</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>P4718</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>P4706-01</u>	Client ID:	<u>TR-04-110424DUP</u>
Percent Solids for Sample:	93.5	Duplicate ID	P4706-01DUP	Percent Solids for Spike Sample:	93.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.060		0.063		5		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** P4718
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4718 **SAS No.:** P4718
Matrix: Solid **Sample ID:** P4706-01MS **Client ID:** TR-04-110424MSD
Percent Solids for Sample: 93.5 **Duplicate ID** P4706-01MSD **Percent Solids for Spike Sample:** 93.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.33		0.33		0		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** P4718
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4718 **SAS No.:** P4718
Matrix: Water **Sample ID:** P4718-04 **Client ID:** WB-307-SWDUP
Percent Solids for Sample: NA **Duplicate ID** P4718-04DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	389		395		2		P
Antimony	ug/L	20	25.0	U	3.27	J	200.0		P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	34.4	J	33.6	J	2		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	0.19	J	0.22	J	17		P
Calcium	ug/L	20	206000		201000		2		P
Chromium	ug/L	20	1.78	J	1.15	J	43		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	10.0	U	10.0	U			P
Iron	ug/L	20	521		511		2		P
Lead	ug/L	20	6.00	U	6.00	U			P
Magnesium	ug/L	20	628000		615000		2		P
Manganese	ug/L	20	69.7		67.9		3		P
Nickel	ug/L	20	20.0	U	20.0	U			P
Potassium	ug/L	20	425000		422000		1		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	5110000	D	5150000	D	1		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	3.65	J	3.83	J	5		P
Zinc	ug/L	20	19.8	J	19.6	J	1		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** P4718
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4718 **SAS No.:** P4718
Matrix: Water **Sample ID:** P4718-04MS **Client ID:** WB-307-SWMSD
Percent Solids for Sample: NA **Duplicate ID** P4718-04MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1670		1700		2		P
Antimony	ug/L	20	562		591		5		P
Arsenic	ug/L	20	549		570		4		P
Barium	ug/L	20	134		135		1		P
Beryllium	ug/L	20	115		114		1		P
Cadmium	ug/L	20	87.4		87.0		0		P
Calcium	ug/L	20	210000		212000		1		P
Chromium	ug/L	20	157		156		1		P
Cobalt	ug/L	20	92.0		91.8		0		P
Copper	ug/L	20	125		127		2		P
Iron	ug/L	20	2060		2120		3		P
Lead	ug/L	20	436		434		0		P
Magnesium	ug/L	20	642000		654000		2		P
Manganese	ug/L	20	154		156		1		P
Nickel	ug/L	20	221		220		0		P
Potassium	ug/L	20	394000		413000		5		P
Selenium	ug/L	20	1370		1430		4		P
Silver	ug/L	20	65.9		67.9		3		P
Sodium	ug/L	20	4920000	D	5190000	D	5		P
Thallium	ug/L	20	814		810		0		P
Vanadium	ug/L	20	145		145		0		P
Zinc	ug/L	20	177		182		3		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>P4718</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>P4718</u>
Matrix:	<u>Water</u>	Sample ID:	<u>P4791-02</u>	Client ID:	<u>HINCHMAN-OILY-WATERDUP</u>
Percent Solids for Sample:	<u>NA</u>	Duplicate ID	<u>P4791-02DUP</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

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** P4718
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4718 **SAS No.:** P4718
Matrix: Water **Sample ID:** P4791-02MS **Client ID:** HINCHMAN-OILY-WATERMSD
Percent Solids for Sample: NA **Duplicate ID** P4791-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.06		3.12		2		CV