

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** P4578
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578
Matrix: Solid **Sample ID:** P4547-05 **Client ID:** BP-F-20DUP
Percent Solids for Sample: 86.6 **Duplicate ID** P4547-05DUP **Percent Solids for Spike Sample:** 86.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5470		5660		3		P
Antimony	mg/Kg	20	0.15	J	2.66	U	200.0		P
Arsenic	mg/Kg	20	2.11		2.18		3		P
Barium	mg/Kg	20	51.3		53.7		5		P
Beryllium	mg/Kg	20	0.64		0.67		5		P
Cadmium	mg/Kg	20	1.72		1.70		1		P
Calcium	mg/Kg	20	5490		8870		47	*	P
Chromium	mg/Kg	20	13.2		14.2		7		P
Cobalt	mg/Kg	20	8.93		9.09		2		P
Copper	mg/Kg	20	55.3		51.1		8		P
Iron	mg/Kg	20	14200		15100		6		P
Lead	mg/Kg	20	8.50		8.76		3		P
Magnesium	mg/Kg	20	3280		3490		6		P
Manganese	mg/Kg	20	338		385		13		P
Nickel	mg/Kg	20	18.0		19.0		5		P
Potassium	mg/Kg	20	1480		1720		15		P
Selenium	mg/Kg	20	0.94	U	1.06	U			P
Silver	mg/Kg	20	0.53		0.56		6		P
Sodium	mg/Kg	20	518		554		7		P
Thallium	mg/Kg	20	1.88	U	2.13	U			P
Vanadium	mg/Kg	20	16.0		16.8		5		P
Zinc	mg/Kg	20	34.2		36.6		7		P

Metals

- 6 -

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Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** P4578
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578
Matrix: Solid **Sample ID:** P4547-05MS **Client ID:** BP-F-20MSD
Percent Solids for Sample: 86.6 **Duplicate ID** P4547-05MSD **Percent Solids for Spike Sample:** 86.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5910		6240		5		P
Antimony	mg/Kg	20	32.4		34.3		6		P
Arsenic	mg/Kg	20	32.3		34.2		6		P
Barium	mg/Kg	20	62.5		65.5		5		P
Beryllium	mg/Kg	20	7.77		8.04		3		P
Cadmium	mg/Kg	20	10.9		11.5		6		P
Calcium	mg/Kg	20	6010		6350		6		P
Chromium	mg/Kg	20	28.9		29.7		3		P
Cobalt	mg/Kg	20	19.1		20.1		5		P
Copper	mg/Kg	20	67.6		71.8		6		P
Iron	mg/Kg	20	15200		15500		2		P
Lead	mg/Kg	20	52.6		55.2		5		P
Magnesium	mg/Kg	20	3580		3760		5		P
Manganese	mg/Kg	20	370		385		4		P
Nickel	mg/Kg	20	43.0		45.2		5		P
Potassium	mg/Kg	20	2040		2090		2		P
Selenium	mg/Kg	20	72.5		76.7		6		P
Silver	mg/Kg	20	3.71		3.80		2		P
Sodium	mg/Kg	20	687		702		2		P
Thallium	mg/Kg	20	91.8		94.1		2		P
Vanadium	mg/Kg	20	27.9		29.1		4		P
Zinc	mg/Kg	20	44.3		45.9		4		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** P4578
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578
Matrix: Water **Sample ID:** P4548-01 **Client ID:** MW-1DUP
Percent Solids for Sample: NA **Duplicate ID** P4548-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	50.0	U	50.0	U			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	62.5		65.6		5		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	2.09	J	2.18	J	4		P
Calcium	ug/L	20	32100		33500		4		P
Chromium	ug/L	20	1.48	J	1.64	J	10		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	42.8	J	42.0	J	2		P
Lead	ug/L	20	6.00	U	6.00	U			P
Magnesium	ug/L	20	5330		5570		4		P
Manganese	ug/L	20	86.6		91.1		5		P
Nickel	ug/L	20	6.80	J	7.17	J	5		P
Potassium	ug/L	20	5230		5290		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	53100		54500		3		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	254		262		3		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** P4578
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578
Matrix: Water **Sample ID:** P4548-01MS **Client ID:** MW-1MSD
Percent Solids for Sample: NA **Duplicate ID** P4548-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	943		966		2		P
Antimony	ug/L	20	355		367		3		P
Arsenic	ug/L	20	391		401		3		P
Barium	ug/L	20	158		161		2		P
Beryllium	ug/L	20	80.7		83.1		3		P
Cadmium	ug/L	20	92.7		95.0		2		P
Calcium	ug/L	20	32600		33500		3		P
Chromium	ug/L	20	177		181		2		P
Cobalt	ug/L	20	93.1		95.5		3		P
Copper	ug/L	20	138		141		2		P
Iron	ug/L	20	1590		1580		1		P
Lead	ug/L	20	388		398		3		P
Magnesium	ug/L	20	6210		6400		3		P
Manganese	ug/L	20	179		184		3		P
Nickel	ug/L	20	243		249		2		P
Potassium	ug/L	20	10200		10200		0		P
Selenium	ug/L	20	804		826		3		P
Silver	ug/L	20	22.5		22.8		1		P
Sodium	ug/L	20	54400		54400		0		P
Thallium	ug/L	20	862		831		4		P
Vanadium	ug/L	20	150		153		2		P
Zinc	ug/L	20	298		303		2		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** P4578
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578
Matrix: Water **Sample ID:** P4549-02 **Client ID:** TT-067-IDWGW-20241024DUP
Percent Solids for Sample: NA **Duplicate ID** P4549-02DUP **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

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** P4578
Contract: PORT06 **Lab Code:** CHEM **Case No.:** P4578 **SAS No.:** P4578
Matrix: Water **Sample ID:** P4549-02MS **Client ID:** TT-067-IDWGW-20241024MSD
Percent Solids for Sample: NA **Duplicate ID** P4549-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	4.10		3.71		10		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>P4578</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>P4578</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>P4574-01</u>	Client ID:	<u>GRAVEL-1DUP</u>
Percent Solids for Sample:	100	Duplicate ID	P4574-01DUP	Percent Solids for Spike Sample:	100

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.013	U	0.013	U			CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Portal Partners Tri-Venture</u>	Level:	<u>LOW</u>	SDG No.:	<u>P4578</u>
Contract:	<u>PORT06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>P4578</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>P4574-01MS</u>	Client ID:	<u>GRAVEL-1MSD</u>
Percent Solids for Sample:	100	Duplicate ID	P4574-01MSD	Percent Solids for Spike Sample:	100

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.28		0.27		3		CV