

metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1574
contract: GENV01 **lab code:** CHEM **case no.:** Q1574 **sas no.:** Q1574
matrix: Solid **sample id:** Q1581-01 **client id:** TR-06-031425MS
Percent Solids for Sample: 93.3 **Spiked ID:** Q1581-01MS **Percent Solids for Spike Sample:** 93.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	3930		3770		94.0	168		P
Antimony	mg/Kg	79 - 114	2.35	U	2.26	U	37.6	0	N	P
Arsenic	mg/Kg	82 - 111	37.3		5.02		37.6	86		P
Barium	mg/Kg	83 - 113	29.8		18.4		9.4	122	N	P
Beryllium	mg/Kg	83 - 113	8.04		0.37		9.4	82	N	P
Cadmium	mg/Kg	82 - 113	7.92		0.27	U	9.4	84		P
Calcium	mg/Kg	81 - 116	5340		5160		47.0	383		P
Chromium	mg/Kg	85 - 113	40.7		18.6		18.8	118	N	P
Cobalt	mg/Kg	85 - 112	11.2		2.52		9.4	92		P
Copper	mg/Kg	81 - 117	23.2		13.1		14.1	71	N	P
Iron	mg/Kg	81 - 118	12600		10900		140	1269		P
Lead	mg/Kg	81 - 112	61.4		18.5		47.0	91		P
Magnesium	mg/Kg	78 - 115	3020		2750		94.0	292		P
Manganese	mg/Kg	84 - 114	57.2		43.0		9.4	151		P
Nickel	mg/Kg	83 - 113	25.6		4.32		23.5	91		P
Potassium	mg/Kg	81 - 116	1220		728		470	105		P
Selenium	mg/Kg	78 - 111	73.4		0.90	U	94.0	78		P
Silver	mg/Kg	82 - 112	3.15		0.45	U	3.5	90		P
Sodium	mg/Kg	83 - 118	479		255		140	160	N	P
Thallium	mg/Kg	83 - 111	81.8		1.81	U	94.0	87		P
Vanadium	mg/Kg	82 - 114	29.2		15.5		14.1	97		P
Zinc	mg/Kg	82 - 113	48.1		28.2		9.4	212	N	P

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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1574
contract: GENV01 **lab code:** CHEM **case no.:** Q1574 **sas no.:** Q1574
matrix: Solid **sample id:** Q1581-01 **client id:** TR-06-031425MSD
Percent Solids for Sample: 93.3 **Spiked ID:** Q1581-01MSD **Percent Solids for Spike Sample:** 93.3

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	4340		3770		100	575		P
Antimony	mg/Kg	79 - 114	2.60	U	2.26	U	41.6	0	N	P
Arsenic	mg/Kg	82 - 111	41.3		5.02		41.6	87		P
Barium	mg/Kg	83 - 113	32.9		18.4		10.4	139	N	P
Beryllium	mg/Kg	83 - 113	8.73		0.37		10.4	80	N	P
Cadmium	mg/Kg	82 - 113	8.84		0.27	U	10.4	85		P
Calcium	mg/Kg	81 - 116	5900		5160		52.0	1429		P
Chromium	mg/Kg	85 - 113	44.6		18.6		20.8	125	N	P
Cobalt	mg/Kg	85 - 112	12.3		2.52		10.4	94		P
Copper	mg/Kg	81 - 117	25.5		13.1		15.6	80	N	P
Iron	mg/Kg	81 - 118	13600		10900		160	1699		P
Lead	mg/Kg	81 - 112	67.8		18.5		52.0	95		P
Magnesium	mg/Kg	78 - 115	3320		2750		100	572		P
Manganese	mg/Kg	84 - 114	62.6		43.0		10.4	189		P
Nickel	mg/Kg	83 - 113	28.3		4.32		26.0	92		P
Potassium	mg/Kg	81 - 116	1320		728		520	113		P
Selenium	mg/Kg	78 - 111	81.6		0.90	U	100	82		P
Silver	mg/Kg	82 - 112	3.42		0.45	U	3.9	88		P
Sodium	mg/Kg	83 - 118	517		255		160	163	N	P
Thallium	mg/Kg	83 - 111	90.4		1.81	U	100	90		P
Vanadium	mg/Kg	82 - 114	32.3		15.5		15.6	107		P
Zinc	mg/Kg	82 - 113	52.2		28.2		10.4	231	N	P

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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1574
contract: GENV01 **lab code:** CHEM **case no.:** Q1574 **sas no.:** Q1574
matrix: Solid **sample id:** Q1585-01 **client id:** OK-02-03142025MS
Percent Solids for Sample: 97.1 **Spiked ID:** Q1585-01MS **Percent Solids for Spike Sample:** 97.1

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.26		0.0070	J	0.24	106		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q1574</u>
contract: <u>GENV01</u>	lab code: <u>CHEM</u>	case no.: <u>Q1574</u> sas no.: <u>Q1574</u>
matrix: <u>Solid</u>	sample id: <u>Q1585-01</u>	client id: <u>OK-02-03142025MSD</u>
Percent Solids for Sample: 97.1	Spiked ID: Q1585-01MSD	Percent Solids for Spike Sample: 97.1

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.25		0.0070	J	0.25	95		CV