

metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2743
contract: GENV01 **lab code:** ACE
matrix: Solid **sample id:** Q2728-01 **client id:** 7211931-VNJ240MS
Percent Solids for Sample: 93.8 **Spiked ID:** Q2728-01MS **Percent Solids for Spike Sample:** 93.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.40		0.15		0.26	95		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2743
contract: GENV01 **lab code:** ACE
matrix: Solid **sample id:** Q2728-01 **client id:** 7211931-VNJ240MSD
Percent Solids for Sample: 93.8 **Spiked ID:** Q2728-01MSD **Percent Solids for Spike Sample:** 93.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.40		0.15		0.27	93		CV

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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2743
contract: GENV01 **lab code:** ACE
matrix: Solid **sample id:** Q2740-01 **client id:** OR-02-07312025MS

Percent Solids for Sample: 94.6 **Spiked ID:** Q2740-01MS **Percent Solids for Spike Sample:** 94.6

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	6350		5580		94.8	813		P
Antimony	mg/Kg	75 - 125	16.7		2.45	U	37.9	44	N	P
Arsenic	mg/Kg	75 - 125	35.5		2.94		37.9	86		P
Barium	mg/Kg	75 - 125	33.6		24.4		9.5	97		P
Beryllium	mg/Kg	75 - 125	8.40		0.39		9.5	84		P
Cadmium	mg/Kg	75 - 125	9.02		0.066	J	9.5	94		P
Calcium	mg/Kg	75 - 125	2210		2000		47.4	432		P
Chromium	mg/Kg	75 - 125	23.1		7.11		19.0	84		P
Cobalt	mg/Kg	75 - 125	14.1		4.40		9.5	102		P
Copper	mg/Kg	75 - 125	25.4		11.9		14.2	95		P
Iron	mg/Kg	75 - 125	11000		10500		140	375		P
Lead	mg/Kg	75 - 125	57.6		13.9		47.4	92		P
Magnesium	mg/Kg	75 - 125	2250		1990		94.8	272		P
Manganese	mg/Kg	75 - 125	195		164		9.5	330		P
Nickel	mg/Kg	75 - 125	31.4		7.93		23.7	99		P
Potassium	mg/Kg	75 - 125	823		413		470	87		P
Selenium	mg/Kg	75 - 125	81.0		0.98	U	94.8	85		P
Silver	mg/Kg	75 - 125	3.54		0.37	J	3.6	88		P
Sodium	mg/Kg	75 - 125	494		367		140	91		P
Thallium	mg/Kg	75 - 125	100		1.96	U	94.8	106		P
Vanadium	mg/Kg	75 - 125	28.2		14.8		14.2	94		P
Zinc	mg/Kg	75 - 125	35.3		25.8		9.5	100		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q2743</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q2740-01</u>	client id: <u>OR-02-07312025MSD</u>
Percent Solids for Sample: 94.6	Spiked ID: Q2740-01MSD	Percent Solids for Spike Sample: 94.6

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5970		5580		85.9	457		P
Antimony	mg/Kg	75 - 125	14.1		2.45	U	34.4	41	N	P
Arsenic	mg/Kg	75 - 125	31.6		2.94		34.4	83		P
Barium	mg/Kg	75 - 125	30.8		24.4		8.6	75		P
Beryllium	mg/Kg	75 - 125	7.43		0.39		8.6	82		P
Cadmium	mg/Kg	75 - 125	8.00		0.066	J	8.6	92		P
Calcium	mg/Kg	75 - 125	2740		2000		43.0	1725		P
Chromium	mg/Kg	75 - 125	20.3		7.11		17.2	77		P
Cobalt	mg/Kg	75 - 125	12.9		4.40		8.6	99		P
Copper	mg/Kg	75 - 125	24.1		11.9		12.9	95		P
Iron	mg/Kg	75 - 125	10500		10500		130	-52		P
Lead	mg/Kg	75 - 125	52.8		13.9		43.0	90		P
Magnesium	mg/Kg	75 - 125	2430		1990		85.9	510		P
Manganese	mg/Kg	75 - 125	174		164		8.6	121		P
Nickel	mg/Kg	75 - 125	28.5		7.93		21.5	96		P
Potassium	mg/Kg	75 - 125	770		413		430	83		P
Selenium	mg/Kg	75 - 125	71.9		0.98	U	85.9	84		P
Silver	mg/Kg	75 - 125	3.09		0.37	J	3.2	85		P
Sodium	mg/Kg	75 - 125	471		367		130	80		P
Thallium	mg/Kg	75 - 125	90.1		1.96	U	85.9	105		P
Vanadium	mg/Kg	75 - 125	26.1		14.8		12.9	88		P
Zinc	mg/Kg	75 - 125	33.9		25.8		8.6	94		P