

metals
- 5a -
MATRIX SPIKE SUMMARY

client: JPCL Engineering **level:** low **sdg no.:** Q1487
contract: JPCL01 **lab code:** CHEM **case no.:** Q1487 **sas no.:** Q1487
matrix: Solid **sample id:** Q1474-01 **client id:** BU-03-02282025MS
Percent Solids for Sample: 93.3 **Spiked ID:** Q1474-01MS **Percent Solids for Spike Sample:** 93.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.30		0.023		0.28	98		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: JPCL Engineering **level:** low **sdg no.:** Q1487
contract: JPCL01 **lab code:** CHEM **case no.:** Q1487 **sas no.:** Q1487
matrix: Solid **sample id:** Q1474-01 **client id:** BU-03-02282025MSD
Percent Solids for Sample: 93.3 **Spiked ID:** Q1474-01MSD **Percent Solids for Spike Sample:** 93.3

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.32		0.023		0.27	109		CV

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MATRIX SPIKE SUMMARY

client: JPCL Engineering **level:** low **sdg no.:** Q1487
contract: JPCL01 **lab code:** CHEM **case no.:** Q1487 **sas no.:** Q1487
matrix: Solid **sample id:** Q1482-01 **client id:** OR-03-030425MS
Percent Solids for Sample: 90.8 **Spiked ID:** Q1482-01MS **Percent Solids for Spike Sample:** 90.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	mg/Kg	75 - 125	35.2		2.23		38.8	85		P
Barium	mg/Kg	75 - 125	40.0		28.9		9.7	115		P
Cadmium	mg/Kg	75 - 125	8.89		0.29	U	9.7	92		P
Chromium	mg/Kg	75 - 125	27.2		9.62		19.4	91		P
Lead	mg/Kg	75 - 125	57.1		9.00		48.5	99		P
Selenium	mg/Kg	75 - 125	76.5		0.42	J	97.0	78		P
Silver	mg/Kg	75 - 125	4.47		1.44		3.6	84		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: JPCL Engineering **level:** low **sdg no.:** Q1487
contract: JPCL01 **lab code:** CHEM **case no.:** Q1487 **sas no.:** Q1487
matrix: Solid **sample id:** Q1482-01 **client id:** OR-03-030425MSD
Percent Solids for Sample: 90.8 **Spiked ID:** Q1482-01MSD **Percent Solids for Spike Sample:** 90.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	mg/Kg	75 - 125	35.7		2.23		38.5	87		P
Barium	mg/Kg	75 - 125	39.3		28.9		9.6	109		P
Cadmium	mg/Kg	75 - 125	8.98		0.29	U	9.6	94		P
Chromium	mg/Kg	75 - 125	26.9		9.62		19.2	90		P
Lead	mg/Kg	75 - 125	57.5		9.00		48.1	101		P
Selenium	mg/Kg	75 - 125	77.5		0.42	J	96.2	80		P
Silver	mg/Kg	75 - 125	4.38		1.44		3.6	82		P