

metals
- 5a -
MATRIX SPIKE SUMMARY

client: JPCL Engineering **level:** low **sdg no.:** Q3736
contract: JPCL01 **lab code:** ACE
matrix: Solid **sample id:** Q3732-01 **client id:** HD-01-11-26-2025MS
Percent Solids for Sample: 86.9 **Spiked ID:** Q3732-01MS **Percent Solids for Spike Sample:** 86.9

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.34		0.0080	J	0.29	114		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: JPCL Engineering **level:** low **sdg no.:** Q3736
contract: JPCL01 **lab code:** ACE
matrix: Solid **sample id:** Q3732-01 **client id:** HD-01-11-26-2025MSD
Percent Solids for Sample: 86.9 **Spiked ID:** Q3732-01MSD **Percent Solids for Spike Sample:** 86.9

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.34		0.0080	J	0.29	114		CV

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MATRIX SPIKE SUMMARY

client: <u>JPCL Engineering</u>	level: <u>low</u>	sdg no.: <u>Q3736</u>
contract: <u>JPCL01</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3740-01</u>	client id: <u>WC1MS</u>
Percent Solids for Sample: 90	Spiked ID: Q3740-01MS	Percent Solids for Spike Sample: 90

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	mg/Kg	75 - 125	114	D	75.8	D	38.6	99		P
Barium	mg/Kg	75 - 125	64.2	D	50.7	D	9.7	140		P
Cadmium	mg/Kg	75 - 125	12.3	D	1.90	D	9.7	107		P
Chromium	mg/Kg	75 - 125	16700	D	19200	D	19.3	-13355		P
Lead	mg/Kg	75 - 125	147	D	86.5	D	48.3	125		P
Selenium	mg/Kg	75 - 125	112	D	4.63	UD	96.6	116		P
Silver	mg/Kg	75 - 125	3.24	D	2.31	UD	3.6	108		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>JPCL Engineering</u>	level: <u>low</u>	sdg no.: <u>Q3736</u>
contract: <u>JPCL01</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3740-01</u>	client id: <u>WC1MSD</u>
Percent Solids for Sample: 90	Spiked ID: Q3740-01MSD	Percent Solids for Spike Sample: 90

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	mg/Kg	75 - 125	114	D	75.8	D	38.6	99		P
Barium	mg/Kg	75 - 125	62.2	D	50.7	D	9.7	119		P
Cadmium	mg/Kg	75 - 125	12.2	D	1.90	D	9.7	106		P
Chromium	mg/Kg	75 - 125	16600	D	19200	D	19.3	-13646		P
Lead	mg/Kg	75 - 125	146	D	86.5	D	48.3	124		P
Selenium	mg/Kg	75 - 125	112	D	4.63	UD	96.6	116		P
Silver	mg/Kg	75 - 125	3.13	D	2.31	UD	3.6	105		P