

metals
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MATRIX SPIKE SUMMARY

client:	<u>JPCL Engineering</u>	level:	<u>low</u>	sdg no.:	<u>P4768</u>
contract:	<u>JPCL01</u>	lab code:	<u>CHEM</u>	case no.:	<u>P4768</u>
matrix:	<u>Solid</u>	sample id:	<u>P4768-02</u>	client id:	<u>B-3-2MS</u>
Percent Solids for Sample:	95.1	Spiked ID:	P4768-02MS	Percent Solids for Spike Sample:	95.1

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	mg/Kg	75 - 125	36.2		2.36		38.6	88		P
Barium	mg/Kg	75 - 125	34.8		26.0		9.6	92		P
Cadmium	mg/Kg	75 - 125	9.22		0.58		9.6	90		P
Chromium	mg/Kg	75 - 125	25.9		9.12		19.3	87		P
Lead	mg/Kg	75 - 125	54.7		13.0		48.2	87		P
Selenium	mg/Kg	75 - 125	76.8		0.96	U	96.5	80		P
Silver	mg/Kg	75 - 125	3.50		0.32	J	3.6	88		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: JPCL Engineering **level:** low **sdg no.:** P4768
contract: JPCL01 **lab code:** CHEM **case no.:** P4768 **sas no.:** P4768
matrix: Solid **sample id:** P4768-02 **client id:** B-3-2MSD
Percent Solids for Sample: 95.1 **Spiked ID:** P4768-02MSD **Percent Solids for Spike Sample:** 95.1

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	mg/Kg	75 - 125	35.3		2.36		38.1	86		P
Barium	mg/Kg	75 - 125	34.1		26.0		9.5	85		P
Cadmium	mg/Kg	75 - 125	8.94		0.58		9.5	88		P
Chromium	mg/Kg	75 - 125	25.9		9.12		19.0	88		P
Lead	mg/Kg	75 - 125	52.9		13.0		47.6	84		P
Selenium	mg/Kg	75 - 125	75.3		0.96	U	95.2	79		P
Silver	mg/Kg	75 - 125	3.49		0.32	J	3.6	88		P

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MATRIX SPIKE SUMMARY

client: JPCL Engineering **level:** low **sdg no.:** P4768
contract: JPCL01 **lab code:** CHEM **case no.:** P4768 **sas no.:** P4768
matrix: Solid **sample id:** P4768-07 **client id:** B-6-3MS
Percent Solids for Sample: 95.4 **Spiked ID:** P4768-07MS **Percent Solids for Spike Sample:** 95.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.26		0.014	U	0.25	104		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>JPCL Engineering</u>	level:	<u>low</u>	sdg no.:	<u>P4768</u>	
contract:	<u>JPCL01</u>	lab code:	<u>CHEM</u>	case no.:	<u>P4768</u>	sas no.: <u>P4768</u>
matrix:	<u>Solid</u>	sample id:	<u>P4768-07</u>	client id:	<u>B-6-3MSD</u>	
Percent Solids for Sample:	95.4	Spiked ID:	<u>P4768-07MSD</u>	Percent Solids for Spike Sample:	95.4	

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.27		0.014	U	0.26	102		CV