



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

metals
- 5a -
MATRIX SPIKE SUMMARY

client: RMJ Environomics, Inc. level: low sdg no.: O5252
contract: RMJE02 lab code: CHEM case no.: O5252 sas no.: O5252
matrix: Solid sample id: O5257-05 client id: WC-2MS
Percent Solids for Sample: 91.4 Spiked ID: O5257-05MS Percent Solids for Spike Sample: 91.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.45		0.10		0.29	118		CV



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MATRIX SPIKE DUPLICATE SUMMARY

client: RMJ Environomics, Inc. **level:** low **sdg no.:** O5252
contract: RMJE02 **lab code:** CHEM **case no.:** O5252 **sas no.:** O5252
matrix: Solid **sample id:** O5257-05 **client id:** WC-2MSD
Percent Solids for Sample: 91.4 **Spiked ID:** O5257-05MSD **Percent Solids for Spike Sample:** 91.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.38		0.10		0.29	94		CV



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MATRIX SPIKE SUMMARY

client: RMJ Environomics, Inc. level: low sdg no.: O5252
contract: RMJE02 lab code: CHEM case no.: O5252 sas no.: O5252
matrix: Solid sample id: O5270-01 client id: OR-3-110623MS
Percent Solids for Sample: 92.7 Spiked ID: O5270-01MS Percent Solids for Spike Sample: 92.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5680		5340		89.5	377		P
Antimony	mg/Kg	75 - 125	33.4		4.48		35.8	81		P
Arsenic	mg/Kg	75 - 125	31.6		0.23	J	35.8	88		P
Barium	mg/Kg	75 - 125	33.9		25.5		9.0	94		P
Beryllium	mg/Kg	75 - 125	7.49		0.30		9.0	80		P
Cadmium	mg/Kg	75 - 125	9.52		0.43		9.0	101		P
Calcium	mg/Kg	75 - 125	3050		2760		44.8	638		P
Chromium	mg/Kg	75 - 125	26.3		11.5		17.9	82		P
Cobalt	mg/Kg	75 - 125	18.1		8.70		9.0	105		P
Copper	mg/Kg	75 - 125	46.6		34.5		13.4	90		P
Iron	mg/Kg	75 - 125	12500		11400		130	842		P
Lead	mg/Kg	75 - 125	66.6		20.3		44.8	103		P
Magnesium	mg/Kg	75 - 125	3390		3150		89.5	265		P
Manganese	mg/Kg	75 - 125	154		140		9.0	155		P
Nickel	mg/Kg	75 - 125	36.3		13.5		22.4	102		P
Potassium	mg/Kg	75 - 125	1780		1300		450	107		P
Selenium	mg/Kg	75 - 125	74.0		0.87	U	89.5	83		P
Silver	mg/Kg	75 - 125	2.44		0.43	U	3.4	72	N	P
Sodium	mg/Kg	75 - 125	441		307		130	104		P
Thallium	mg/Kg	75 - 125	78.2		1.73	U	89.5	87		P
Vanadium	mg/Kg	75 - 125	28.7		17.1		13.4	87		P
Zinc	mg/Kg	75 - 125	96.8		85.3		9.0	128		P



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MATRIX SPIKE DUPLICATE SUMMARY

client: RMJ Environomics, Inc. **level:** low **sdg no.:** O5252
contract: RMJE02 **lab code:** CHEM **case no.:** O5252 **sas no.:** O5252
matrix: Solid **sample id:** O5270-01 **client id:** OR-3-110623MSD
Percent Solids for Sample: 92.7 **Spiked ID:** O5270-01MSD **Percent Solids for Spike Sample:** 92.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5730		5340		89.2	435		P
Antimony	mg/Kg	75 - 125	33.9		4.48		35.7	83		P
Arsenic	mg/Kg	75 - 125	32.0		0.23	J	35.7	89		P
Barium	mg/Kg	75 - 125	34.2		25.5		8.9	98		P
Beryllium	mg/Kg	75 - 125	7.63		0.30		8.9	82		P
Cadmium	mg/Kg	75 - 125	9.71		0.43		8.9	104		P
Calcium	mg/Kg	75 - 125	3090		2760		44.6	741		P
Chromium	mg/Kg	75 - 125	26.5		11.5		17.8	84		P
Cobalt	mg/Kg	75 - 125	18.3		8.70		8.9	108		P
Copper	mg/Kg	75 - 125	46.7		34.5		13.4	91		P
Iron	mg/Kg	75 - 125	12600		11400		130	945		P
Lead	mg/Kg	75 - 125	67.4		20.3		44.6	106		P
Magnesium	mg/Kg	75 - 125	3400		3150		89.2	279		P
Manganese	mg/Kg	75 - 125	155		140		8.9	168		P
Nickel	mg/Kg	75 - 125	36.7		13.5		22.3	104		P
Potassium	mg/Kg	75 - 125	1800		1300		450	111		P
Selenium	mg/Kg	75 - 125	76.1		0.87	U	89.2	85		P
Silver	mg/Kg	75 - 125	2.50		0.43	U	3.3	76		P
Sodium	mg/Kg	75 - 125	448		307		130	108		P
Thallium	mg/Kg	75 - 125	90.8		1.73	U	89.2	102		P
Vanadium	mg/Kg	75 - 125	29.0		17.1		13.4	89		P
Zinc	mg/Kg	75 - 125	97.1		85.3		8.9	132		P