

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Weston Solutions **level:** low **sdg no.:** Q1295
contract: WEST04 **lab code:** CHEM **case no.:** Q1295 **sas no.:** Q1295
matrix: Solid **sample id:** Q1288-01 **client id:** HR-01-020425MS
Percent Solids for Sample: 89 **Spiked ID:** Q1288-01MS **Percent Solids for Spike Sample:** 89

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.42		0.084		0.29	117		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Weston Solutions</u>	level:	<u>low</u>	sdg no.:	<u>Q1295</u>	
contract:	<u>WEST04</u>	lab code:	<u>CHEM</u>	case no.:	<u>Q1295</u>	sas no.: <u>Q1295</u>
matrix:	<u>Solid</u>	sample id:	<u>Q1288-01</u>	client id:	<u>HR-01-020425MSD</u>	
Percent Solids for Sample:	89	Spiked ID:	Q1288-01MSD	Percent Solids for Spike Sample:	89	

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.40		0.084		0.3	107		CV

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MATRIX SPIKE SUMMARY

client: Weston Solutions **level:** low **sdg no.:** Q1295
contract: WEST04 **lab code:** CHEM **case no.:** Q1295 **sas no.:** Q1295
matrix: Solid **sample id:** Q1295-01 **client id:** TAPFTA-SB01D-020425-00-T1MS
Percent Solids for Sample: 90.9 **Spiked ID:** Q1295-01MS **Percent Solids for Spike Sample:** 90.9

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	78 - 124	3570	D	3400	D	460	36		P
Antimony	mg/Kg	72 - 124	22.3	D	0.032	JD	23.0	97		P
Arsenic	mg/Kg	82 - 118	0.69	D	0.72	D	23.0	0	N	P
Barium	mg/Kg	86 - 116	116	D	13.7	D	120	89		P
Beryllium	mg/Kg	80 - 120	21.6	D	0.16	JD	23.0	93		P
Cadmium	mg/Kg	84 - 116	21.7	D	0.23	UD	23.0	94		P
Calcium	mg/Kg	86 - 118	2760	D	611	D	2300	93		P
Chromium	mg/Kg	83 - 119	25.0	D	5.34	D	23.0	85		P
Cobalt	mg/Kg	84 - 115	21.9	D	1.08	D	23.0	90		P
Copper	mg/Kg	84 - 119	228	D	2.22	D	230	98		P
Iron	mg/Kg	81 - 124	5020	D	4320	D	1200	61	N	P
Lead	mg/Kg	84 - 118	114	D	3.39	D	120	96		P
Magnesium	mg/Kg	80 - 123	2510	D	323	D	2300	95		P
Manganese	mg/Kg	85 - 116	218	D	12.4	D	230	89		P
Nickel	mg/Kg	84 - 119	23.0	D	2.02	D	23.0	91		P
Potassium	mg/Kg	85 - 119	1100	D	165	D	1200	81	N	P
Selenium	mg/Kg	80 - 119	22.1	D	2.28	UD	23.0	96		P
Silver	mg/Kg	83 - 118	3.71	D	0.23	UD	23.0	16	N	P
Sodium	mg/Kg	79 - 125	2150	D	114	UD	2300	93		P
Thallium	mg/Kg	83 - 118	22.4	D	0.050	JD	23.0	97		P
Vanadium	mg/Kg	82 - 116	28.0	D	7.63	D	23.0	89		P
Zinc	mg/Kg	82 - 119	217	D	5.97	D	230	92		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Weston Solutions **level:** low **sdg no.:** Q1295
contract: WEST04 **lab code:** CHEM **case no.:** Q1295 **sas no.:** Q1295
matrix: Solid **sample id:** Q1295-01 **client id:** TAPFTA-SB01D-020425-00-T1MSD
Percent Solids for Sample: 90.9 **Spiked ID:** Q1295-01MSD **Percent Solids for Spike Sample:** 90.9

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	78 - 124	3830	D	3400	D	480	90		P
Antimony	mg/Kg	72 - 124	23.9	D	0.032	JD	24.0	99		P
Arsenic	mg/Kg	82 - 118	0.73	D	0.72	D	24.0	0	N	P
Barium	mg/Kg	86 - 116	122	D	13.7	D	120	90		P
Beryllium	mg/Kg	80 - 120	22.3	D	0.16	JD	24.0	92		P
Cadmium	mg/Kg	84 - 116	22.4	D	0.23	UD	24.0	93		P
Calcium	mg/Kg	86 - 118	2850	D	611	D	2400	93		P
Chromium	mg/Kg	83 - 119	26.7	D	5.34	D	24.0	89		P
Cobalt	mg/Kg	84 - 115	23.4	D	1.08	D	24.0	93		P
Copper	mg/Kg	84 - 119	239	D	2.22	D	240	98		P
Iron	mg/Kg	81 - 124	5340	D	4320	D	1200	85		P
Lead	mg/Kg	84 - 118	118	D	3.39	D	120	95		P
Magnesium	mg/Kg	80 - 123	2710	D	323	D	2400	99		P
Manganese	mg/Kg	85 - 116	232	D	12.4	D	240	92		P
Nickel	mg/Kg	84 - 119	24.5	D	2.02	D	24.0	94		P
Potassium	mg/Kg	85 - 119	1160	D	165	D	1200	83	N	P
Selenium	mg/Kg	80 - 119	23.4	D	2.28	UD	24.0	97		P
Silver	mg/Kg	83 - 118	3.91	D	0.23	UD	24.0	16	N	P
Sodium	mg/Kg	79 - 125	2300	D	114	UD	2400	96		P
Thallium	mg/Kg	83 - 118	23.0	D	0.050	JD	24.0	95		P
Vanadium	mg/Kg	82 - 116	29.8	D	7.63	D	24.0	92		P
Zinc	mg/Kg	82 - 119	230	D	5.97	D	240	93		P