

metals
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MATRIX SPIKE SUMMARY

client: Weston Solutions **level:** low **sdg no.:** Q1201
contract: WEST04 **lab code:** CHEM **case no.:** Q1201 **sas no.:** Q1201
matrix: Water **sample id:** Q1201-01 **client id:** TAPHHA-MW12-012725-00-T2MS
Percent Solids for Sample: NA **Spiked ID:** Q1201-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.28		0.20	U	4.0	82		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: Weston Solutions **level:** low **sdg no.:** Q1201
contract: WEST04 **lab code:** CHEM **case no.:** Q1201 **sas no.:** Q1201
matrix: Water **sample id:** Q1201-01 **client id:** TAPHHA-MW12-012725-00-T2MSD
Percent Solids for Sample: NA **Spiked ID:** Q1201-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.13		0.20	U	4.0	78	N	CV

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MATRIX SPIKE SUMMARY

client: Weston Solutions **level:** low **sdg no.:** Q1201
contract: WEST04 **lab code:** CHEM **case no.:** Q1201 **sas no.:** Q1201
matrix: Water **sample id:** Q1211-02 **client id:** TAPIAL2-MW03-012825-00-T3MS
Percent Solids for Sample: NA **Spiked ID:** Q1211-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	84 - 117	4120		93.0		5000	81	N	P
Antimony	ug/L	85 - 117	246		1.00	U	250	98		P
Arsenic	ug/L	84 - 116	2.14		2.26		250	0	N	P
Barium	ug/L	86 - 114	1110		20.4		1300	87		P
Beryllium	ug/L	83 - 121	232		0.080	J	250	93		P
Cadmium	ug/L	87 - 115	242		0.50	U	250	97		P
Calcium	ug/L	87 - 118	27900		6660		25000	85	N	P
Chromium	ug/L	85 - 116	231		0.60	J	250	92		P
Cobalt	ug/L	86 - 115	241		3.61		250	95		P
Copper	ug/L	85 - 118	2310		0.42	J	2500	92		P
Iron	ug/L	87 - 118	27000		18500		12500	67	N	P
Lead	ug/L	88 - 115	1180		0.17	J	1300	94		P
Magnesium	ug/L	83 - 118	23600		1440		25000	89		P
Manganese	ug/L	87 - 115	2780		541		2500	90		P
Nickel	ug/L	85 - 117	223		1.00		250	89		P
Potassium	ug/L	87 - 115	11300		1250		12500	80	N	P
Selenium	ug/L	80 - 120	234		2.50	U	250	94		P
Silver	ug/L	85 - 116	43.0		0.50	U	250	17	N	P
Sodium	ug/L	85 - 117	23300		864		25000	90		P
Thallium	ug/L	82 - 116	232		0.50	U	250	93		P
Vanadium	ug/L	86 - 115	240		1.50	J	250	96		P
Zinc	ug/L	83 - 119	2310		2.02	J	2500	92		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Weston Solutions **level:** low **sdg no.:** Q1201
contract: WEST04 **lab code:** CHEM **case no.:** Q1201 **sas no.:** Q1201
matrix: Water **sample id:** Q1211-02 **client id:** TAPIAL2-MW03-012825-00-T3MSD
Percent Solids for Sample: NA **Spiked ID:** Q1211-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	84 - 117	4220		93.0		5000	82	N	P
Antimony	ug/L	85 - 117	250		1.00	U	250	100		P
Arsenic	ug/L	84 - 116	2.24		2.26		250	0	N	P
Barium	ug/L	86 - 114	1120		20.4		1300	88		P
Beryllium	ug/L	83 - 121	234		0.080	J	250	93		P
Cadmium	ug/L	87 - 115	248		0.50	U	250	99		P
Calcium	ug/L	87 - 118	28000		6660		25000	85	N	P
Chromium	ug/L	85 - 116	240		0.60	J	250	96		P
Cobalt	ug/L	86 - 115	246		3.61		250	97		P
Copper	ug/L	85 - 118	2370		0.42	J	2500	95		P
Iron	ug/L	87 - 118	27100		18500		12500	69	N	P
Lead	ug/L	88 - 115	1200		0.17	J	1300	96		P
Magnesium	ug/L	83 - 118	24100		1440		25000	91		P
Manganese	ug/L	87 - 115	2850		541		2500	92		P
Nickel	ug/L	85 - 117	229		1.00		250	91		P
Potassium	ug/L	87 - 115	11500		1250		12500	82	N	P
Selenium	ug/L	80 - 120	241		2.50	U	250	96		P
Silver	ug/L	85 - 116	43.6		0.50	U	250	17	N	P
Sodium	ug/L	85 - 117	23800		864		25000	92		P
Thallium	ug/L	82 - 116	239		0.50	U	250	96		P
Vanadium	ug/L	86 - 115	245		1.50	J	250	97		P
Zinc	ug/L	83 - 119	2350		2.02	J	2500	94		P