

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Weston Solutions **level:** low **sdg no.:** Q1193
contract: WEST04 **lab code:** CHEM **case no.:** Q1193 **sas no.:** Q1193
matrix: Water **sample id:** Q1193-01 **client id:** TAPIAL3-MW04S-012425-00-T3MS
Percent Solids for Sample: NA **Spiked ID:** Q1193-01MS **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	4.52		0.20	U	4.0	113		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Weston Solutions</u>	level:	<u>low</u>	sdg no.:	<u>Q1193</u>		
contract:	<u>WEST04</u>	lab code:	<u>CHEM</u>	case no.:	<u>Q1193</u>	sas no.:	<u>Q1193</u>
matrix:	<u>Water</u>	sample id:	<u>Q1193-01</u>	client id:	<u>TAPIAL3-MW04S-012425-00-T3MSD</u>		
Percent Solids for Sample:	<u>NA</u>	Spiked ID:	<u>Q1193-01MSD</u>	Percent Solids for Spike Sample:	<u>NA</u>		

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	4.53		0.20	U	4.0	113		CV

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MATRIX SPIKE SUMMARY

client: Weston Solutions **level:** low **sdg no.:** Q1193
contract: WEST04 **lab code:** CHEM **case no.:** Q1193 **sas no.:** Q1193
matrix: Water **sample id:** Q1193-02 **client id:** TAPIAL2-MW01-012425-00-T2MS
Percent Solids for Sample: NA **Spiked ID:** Q1193-02MS **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	8610		172		10000	84		P
Antimony	ug/L	85 - 117	513		0.13	J	500	103		P
Arsenic	ug/L	84 - 116	3.71		3.67		500	0	N	P
Barium	ug/L	86 - 114	2320		41.0		2500	91		P
Beryllium	ug/L	83 - 121	487		1.00	U	500	97		P
Cadmium	ug/L	87 - 115	513		1.00	U	500	103		P
Calcium	ug/L	87 - 118	79000		33800		50000	90		P
Chromium	ug/L	85 - 116	481		1.08	J	500	96		P
Cobalt	ug/L	86 - 115	487		0.49	J	500	97		P
Copper	ug/L	85 - 118	4750		0.47	J	5000	95		P
Iron	ug/L	87 - 118	38700		18900		25000	79	N	P
Lead	ug/L	88 - 115	2490		0.31	J	2500	99		P
Magnesium	ug/L	83 - 118	48000		2330		50000	91		P
Manganese	ug/L	87 - 115	4840		159		5000	94		P
Nickel	ug/L	85 - 117	459		0.95	J	500	92		P
Potassium	ug/L	87 - 115	22800		1790		25000	84	N	P
Selenium	ug/L	80 - 120	493		5.00	U	500	99		P
Silver	ug/L	85 - 116	88.7		1.00	U	500	18	N	P
Sodium	ug/L	85 - 117	97600		56200		50000	83	N	P
Thallium	ug/L	82 - 116	496		1.00	U	500	99		P
Vanadium	ug/L	86 - 115	489		1.09	J	500	98		P
Zinc	ug/L	83 - 119	4730		1.02	J	5000	95		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Weston Solutions **level:** low **sdg no.:** Q1193
contract: WEST04 **lab code:** CHEM **case no.:** Q1193 **sas no.:** Q1193
matrix: Water **sample id:** Q1193-02 **client id:** TAPIAL2-MW01-012425-00-T2MSD
Percent Solids for Sample: NA **Spiked ID:** Q1193-02MSD **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	8470		172		10000	83	N	P
Antimony	ug/L	85 - 117	491		0.13	J	500	98		P
Arsenic	ug/L	84 - 116	3.61		3.67		500	0	N	P
Barium	ug/L	86 - 114	2220		41.0		2500	87		P
Beryllium	ug/L	83 - 121	472		1.00	U	500	94		P
Cadmium	ug/L	87 - 115	483		1.00	U	500	97		P
Calcium	ug/L	87 - 118	75600		33800		50000	84	N	P
Chromium	ug/L	85 - 116	466		1.08	J	500	93		P
Cobalt	ug/L	86 - 115	478		0.49	J	500	96		P
Copper	ug/L	85 - 118	4660		0.47	J	5000	93		P
Iron	ug/L	87 - 118	38700		18900		25000	79	N	P
Lead	ug/L	88 - 115	2380		0.31	J	2500	95		P
Magnesium	ug/L	83 - 118	47700		2330		50000	91		P
Manganese	ug/L	87 - 115	4800		159		5000	93		P
Nickel	ug/L	85 - 117	451		0.95	J	500	90		P
Potassium	ug/L	87 - 115	22200		1790		25000	82	N	P
Selenium	ug/L	80 - 120	474		5.00	U	500	95		P
Silver	ug/L	85 - 116	84.8		1.00	U	500	17	N	P
Sodium	ug/L	85 - 117	98100		56200		50000	84	N	P
Thallium	ug/L	82 - 116	473		1.00	U	500	95		P
Vanadium	ug/L	86 - 115	484		1.09	J	500	97		P
Zinc	ug/L	83 - 119	4650		1.02	J	5000	93		P