

metals
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MATRIX SPIKE SUMMARY

client: Lockwood, Kessler & Bartlett, Inc. **level:** low **sdg no.:** Q1782
contract: LOCK01 **lab code:** CHEM **case no.:** Q1782 **sas no.:** Q1782
matrix: Water **sample id:** Q1782-07 **client id:** MW-4MS
Percent Solids for Sample: NA **Spiked ID:** Q1782-07MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	75 - 125	350		25.0	U	400	88		P
Arsenic	ug/L	75 - 125	347		10.0	U	400	87		P
Barium	ug/L	75 - 125	191		113		100	78		P
Beryllium	ug/L	75 - 125	77.8		3.00	U	100	78		P
Cadmium	ug/L	75 - 125	84.7		3.00	U	100	85		P
Chromium	ug/L	75 - 125	163		5.00	U	200	82		P
Cobalt	ug/L	75 - 125	81.6		15.0	U	100	82		P
Copper	ug/L	75 - 125	119		10.0	U	150	79		P
Iron	ug/L	75 - 125	1330		67.2		1500	84		P
Lead	ug/L	75 - 125	404		6.00	U	500	81		P
Manganese	ug/L	75 - 125	106		98.1		100	8	N	P
Nickel	ug/L	75 - 125	204		20.0	U	250	82		P
Potassium	ug/L	75 - 125	16400		12200		5000	85		P
Selenium	ug/L	75 - 125	832		10.0	U	1000	83		P
Silver	ug/L	75 - 125	31.2		5.00	U	37.5	83		P
Sodium	ug/L	75 - 125	198000		202000		1500	-221		P
Thallium	ug/L	75 - 125	780		20.0	U	1000	78		P
Vanadium	ug/L	75 - 125	119		20.0	U	150	79		P
Zinc	ug/L	75 - 125	93.8		9.56	J	100	84		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Lockwood, Kessler & Bartlett, Inc. **level:** low **sdg no.:** Q1782
contract: LOCK01 **lab code:** CHEM **case no.:** Q1782 **sas no.:** Q1782
matrix: Water **sample id:** Q1782-07 **client id:** MW-4MSD
Percent Solids for Sample: NA **Spiked ID:** Q1782-07MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	75 - 125	377		25.0	U	400	94		P
Arsenic	ug/L	75 - 125	350		10.0	U	400	88		P
Barium	ug/L	75 - 125	195		113		100	82		P
Beryllium	ug/L	75 - 125	80.8		3.00	U	100	81		P
Cadmium	ug/L	75 - 125	84.8		3.00	U	100	85		P
Chromium	ug/L	75 - 125	166		5.00	U	200	83		P
Cobalt	ug/L	75 - 125	82.0		15.0	U	100	82		P
Copper	ug/L	75 - 125	120		10.0	U	150	80		P
Iron	ug/L	75 - 125	1460		67.2		1500	93		P
Lead	ug/L	75 - 125	404		6.00	U	500	81		P
Manganese	ug/L	75 - 125	112		98.1		100	14	N	P
Nickel	ug/L	75 - 125	204		20.0	U	250	82		P
Potassium	ug/L	75 - 125	16600		12200		5000	89		P
Selenium	ug/L	75 - 125	836		10.0	U	1000	84		P
Silver	ug/L	75 - 125	31.9		5.00	U	37.5	85		P
Sodium	ug/L	75 - 125	201000		202000		1500	-25		P
Thallium	ug/L	75 - 125	776		20.0	U	1000	78		P
Vanadium	ug/L	75 - 125	121		20.0	U	150	81		P
Zinc	ug/L	75 - 125	96.0		9.56	J	100	86		P