

metals
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MATRIX SPIKE SUMMARY

client: <u>Lockwood, Kessler & Bartlett, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q3254</u>
contract: <u>LOCK01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3254-07</u>	client id: <u>MW-4MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3254-07MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	75 - 125	400		25.0	U	400	100		P
Arsenic	ug/L	75 - 125	448		10.0	U	400	112		P
Barium	ug/L	75 - 125	260		165		100	96		P
Beryllium	ug/L	75 - 125	104		0.44	J	100	104		P
Cadmium	ug/L	75 - 125	111		3.00	U	100	111		P
Chromium	ug/L	75 - 125	221		1.87	J	200	109		P
Cobalt	ug/L	75 - 125	106		1.37	J	100	105		P
Copper	ug/L	75 - 125	164		10.5		150	102		P
Iron	ug/L	75 - 125	11200		10800		1500	23		P
Lead	ug/L	75 - 125	545		3.57	J	500	108		P
Manganese	ug/L	75 - 125	1290		1180		100	117		P
Nickel	ug/L	75 - 125	285		20.0		250	106		P
Potassium	ug/L	75 - 125	25000		22200		5000	55		P
Selenium	ug/L	75 - 125	1160		10.0	U	1000	116		P
Silver	ug/L	75 - 125	36.4		5.00	U	37.5	97		P
Sodium	ug/L	75 - 125	211000		230000		1500	-1265		P
Thallium	ug/L	75 - 125	1110		8.73	J	1000	110		P
Vanadium	ug/L	75 - 125	149		4.16	J	150	97		P
Zinc	ug/L	75 - 125	172		67.6		100	104		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Lockwood, Kessler & Bartlett, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q3254</u>
contract: <u>LOCK01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3254-07</u>	client id: <u>MW-4MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3254-07MSD</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
Antimony	ug/L	75 - 125	435		25.0	U	400	109		P
Arsenic	ug/L	75 - 125	480		10.0	U	400	120		P
Barium	ug/L	75 - 125	280		165		100	115		P
Beryllium	ug/L	75 - 125	112		0.44	J	100	112		P
Cadmium	ug/L	75 - 125	118		3.00	U	100	118		P
Chromium	ug/L	75 - 125	234		1.87	J	200	116		P
Cobalt	ug/L	75 - 125	113		1.37	J	100	111		P
Copper	ug/L	75 - 125	175		10.5		150	110		P
Iron	ug/L	75 - 125	11900		10800		1500	76		P
Lead	ug/L	75 - 125	585		3.57	J	500	116		P
Manganese	ug/L	75 - 125	1410		1180		100	231		P
Nickel	ug/L	75 - 125	304		20.0		250	113		P
Potassium	ug/L	75 - 125	27100		22200		5000	98		P
Selenium	ug/L	75 - 125	1240		10.0	U	1000	124		P
Silver	ug/L	75 - 125	39.8		5.00	U	37.5	106		P
Sodium	ug/L	75 - 125	224000		230000		1500	-401		P
Thallium	ug/L	75 - 125	1060		8.73	J	1000	105		P
Vanadium	ug/L	75 - 125	155		4.16	J	150	101		P
Zinc	ug/L	75 - 125	183		67.6		100	115		P