

metals
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MATRIX SPIKE SUMMARY

client: LaBella Associates P.C. **level:** low **sdg no.:** O3645
contract: LABE01 **lab code:** CHEM **case no.:** O3645 **sas no.:** O3645
matrix: Water **sample id:** O3637-01 **client id:** A508MS
Percent Solids for Sample: NA **Spiked ID:** O3637-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	436		13.2		400	106		P
Barium	ug/L	75 - 125	430		383		100	47	N	P
Beryllium	ug/L	75 - 125	91.3		0.64	J	100	91		P
Cadmium	ug/L	75 - 125	99.7		1.40	J	100	98		P
Chromium	ug/L	75 - 125	246		59.9		200	93		P
Copper	ug/L	75 - 125	198		58.4		150	93		P
Lead	ug/L	75 - 125	706		240		500	93		P
Manganese	ug/L	75 - 125	1090		1180		100	-89		P
Mercury	ug/L	75 - 125	6.37		2.93		4.0	86		CV
Nickel	ug/L	75 - 125	259		18.0	J	250	97		P
Selenium	ug/L	75 - 125	941		10.0	U	1000	94		P
Silver	ug/L	75 - 125	37.4		5.00	U	37.5	100		P
Zinc	ug/L	75 - 125	401		337		100	64	N	P

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MATRIX SPIKE DUPLICATE SUMMARY

client: LaBella Associates P.C. **level:** low **sdg no.:** O3645
contract: LABE01 **lab code:** CHEM **case no.:** O3645 **sas no.:** O3645
matrix: Water **sample id:** O3637-01 **client id:** A508MSD
Percent Solids for Sample: NA **Spiked ID:** O3637-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	430		13.2		400	104		P
Barium	ug/L	75 - 125	423		383		100	40	N	P
Beryllium	ug/L	75 - 125	90.9		0.64	J	100	90		P
Cadmium	ug/L	75 - 125	98.2		1.40	J	100	97		P
Chromium	ug/L	75 - 125	242		59.9		200	91		P
Copper	ug/L	75 - 125	195		58.4		150	91		P
Lead	ug/L	75 - 125	693		240		500	91		P
Manganese	ug/L	75 - 125	1070		1180		100	-108		P
Mercury	ug/L	75 - 125	6.40		2.93		4.0	87		CV
Nickel	ug/L	75 - 125	255		18.0	J	250	95		P
Selenium	ug/L	75 - 125	921		10.0	U	1000	92		P
Silver	ug/L	75 - 125	36.7		5.00	U	37.5	98		P
Zinc	ug/L	75 - 125	390		337		100	54	N	P

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MATRIX SPIKE SUMMARY

client:	<u>LaBella Associates P.C.</u>	level:	<u>low</u>	sdg no.:	<u>O3645</u>
contract:	<u>LABE01</u>	lab code:	<u>CHEM</u>	case no.:	<u>O3645</u>
matrix:	<u>Solid</u>	sample id:	<u>O3645-02</u>	client id:	<u>SB-04-(1-5)MS</u>
Percent Solids for Sample:	91.3	Spiked ID:	O3645-09	Percent Solids for Spike Sample:	91.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	mg/Kg	75 - 125	35.0		1.15		36.7	92		P
Barium	mg/Kg	75 - 125	35.4		27.7		9.2	84		P
Beryllium	mg/Kg	75 - 125	6.97		0.23	J	9.2	73	N	P
Cadmium	mg/Kg	75 - 125	10.6		1.81		9.2	96		P
Chromium	mg/Kg	75 - 125	17.4		4.23		18.3	72	N	P
Copper	mg/Kg	75 - 125	26.9		15.6		13.7	82		P
Lead	mg/Kg	75 - 125	133		84.4		45.8	105		P
Manganese	mg/Kg	75 - 125	490		483		9.2	76		P
Mercury	mg/Kg	80 - 120	6.41	D	6.05	D	0.27	135		CV
Nickel	mg/Kg	75 - 125	31.2		9.56		22.9	94		P
Selenium	mg/Kg	75 - 125	73.5		0.90	U	91.7	80		P
Silver	mg/Kg	75 - 125	2.83		0.45	U	3.4	82		P
Zinc	mg/Kg	75 - 125	330		314		9.2	171		P

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MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>LaBella Associates P.C.</u>	level:	<u>low</u>	sdg no.:	<u>O3645</u>
contract:	<u>LABE01</u>	lab code:	<u>CHEM</u>	case no.:	<u>O3645</u>
matrix:	<u>Solid</u>	sample id:	<u>O3645-02</u>	client id:	<u>SB-04-(1-5)MSD</u>
Percent Solids for Sample:	91.3	Spiked ID:	O3645-10	Percent Solids for Spike Sample:	91.3

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	mg/Kg	75 - 125	34.0		1.15		36.2	91		P
Barium	mg/Kg	75 - 125	40.4		27.7		9.1	140	N	P
Beryllium	mg/Kg	75 - 125	6.81		0.23	J	9.1	73	N	P
Cadmium	mg/Kg	75 - 125	10.3		1.81		9.1	94		P
Chromium	mg/Kg	75 - 125	16.9		4.23		18.1	70	N	P
Copper	mg/Kg	75 - 125	34.0		15.6		13.6	136	N	P
Lead	mg/Kg	75 - 125	133		84.4		45.3	107		P
Manganese	mg/Kg	75 - 125	496		483		9.1	136		P
Mercury	mg/Kg	80 - 120	6.17	D	6.05	D	0.27	45		CV
Nickel	mg/Kg	75 - 125	29.2		9.56		22.6	87		P
Selenium	mg/Kg	75 - 125	72.2		0.90	U	90.5	80		P
Silver	mg/Kg	75 - 125	2.80		0.45	U	3.4	82		P
Zinc	mg/Kg	75 - 125	299		314		9.1	-167		P