

metals
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MATRIX SPIKE SUMMARY

client: Elegant Jewelers Mfg. Co. Inc. **level:** low **sdg no.:** P5297

contract: ELEG01 **lab code:** CHEM **case no.:** P5297 **sas no.:** P5297

matrix: Water **sample id:** P5297-02 **client id:** SEPT-23MS

Percent Solids for Sample: NA **Spiked ID:** P5297-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	75 - 125	110		0.27	J	100	110		P
Chromium	ug/L	75 - 125	245		14.5		200	115		P
Copper	ug/L	75 - 125	770		562		150	139	N	P
Lead	ug/L	75 - 125	545		2.53	J	500	109		P
Mercury	ug/L	-	3.32		0.17	J	4.0	79		CV
Molybdenum	ug/L	75 - 125	233		100	U	200	116		P
Nickel	ug/L	75 - 125	306		24.2		250	113		P
Silver	ug/L	75 - 125	128		78.6		37.5	131	N	P
Zinc	ug/L	75 - 125	198		70.2		100	128	N	P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Elegant Jewelers Mfg. Co. Inc. **level:** low **sdg no.:** P5297
contract: ELEG01 **lab code:** CHEM **case no.:** P5297 **sas no.:** P5297
matrix: Water **sample id:** P5297-02 **client id:** SEPT-23MSD
Percent Solids for Sample: NA **Spiked ID:** P5297-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	75 - 125	112		0.27	J	100	112		P
Chromium	ug/L	75 - 125	250		14.5		200	118		P
Copper	ug/L	75 - 125	786		562		150	149	N	P
Lead	ug/L	75 - 125	558		2.53	J	500	111		P
Mercury	ug/L	-	3.30		0.17	J	4.0	78		CV
Molybdenum	ug/L	75 - 125	239		100	U	200	120		P
Nickel	ug/L	75 - 125	312		24.2		250	115		P
Silver	ug/L	75 - 125	131		78.6		37.5	139	N	P
Zinc	ug/L	75 - 125	202		70.2		100	132	N	P