

metals
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MATRIX SPIKE SUMMARY

client: Elegant Jewelers Mfg. Co. Inc. **level:** low **sdg no.:** Q1595
contract: ELEG01 **lab code:** CHEM **case no.:** Q1595 **sas no.:** Q1595
matrix: Water **sample id:** Q1595-02 **client id:** SPRING-2025MS
Percent Solids for Sample: NA **Spiked ID:** Q1595-02MS **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	87.5		3.00	U	100	88		P
Chromium	ug/L	75 - 125	186		6.71		200	90		P
Copper	ug/L	75 - 125	457		308		150	99		P
Lead	ug/L	75 - 125	420		6.00	U	500	84		P
Mercury	ug/L	75 - 125	3.32		0.20	J	4.0	78		CV
Molybdenum	ug/L	75 - 125	199		100	U	200	100		P
Nickel	ug/L	75 - 125	241		20.6		250	88		P
Silver	ug/L	75 - 125	22.5		23.4		37.5	-2	N	P
Zinc	ug/L	75 - 125	134		39.2		100	94		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Elegant Jewelers Mfg. Co. Inc. **level:** low **sdg no.:** Q1595
contract: ELEG01 **lab code:** CHEM **case no.:** Q1595 **sas no.:** Q1595
matrix: Water **sample id:** Q1595-02 **client id:** SPRING-2025MSD
Percent Solids for Sample: NA **Spiked ID:** Q1595-02MSD **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	87.3		3.00	U	100	87		P
Chromium	ug/L	75 - 125	186		6.71		200	90		P
Copper	ug/L	75 - 125	455		308		150	98		P
Lead	ug/L	75 - 125	419		6.00	U	500	84		P
Mercury	ug/L	75 - 125	3.78		0.20	J	4.0	89		CV
Molybdenum	ug/L	75 - 125	199		100	U	200	100		P
Nickel	ug/L	75 - 125	241		20.6		250	88		P
Silver	ug/L	75 - 125	20.5		23.4		37.5	-8	N	P
Zinc	ug/L	75 - 125	133		39.2		100	94		P