

Report of Analysis

Client:	Elegant Jewelers Mfg. Co. Inc.	Date Collected:	03/18/25
Project:	Waste Water 2025	Date Received:	03/19/25
Client Sample ID:	SPRING-2025	SDG No.:	Q1595
Lab Sample ID:	Q1595-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-43-9	Cadmium	0.21	U	1	0.21	3.00	ug/L	03/21/25 15:25	03/24/25 12:53	EPA 200.7	
7440-47-3	Chromium	6.71		1	0.52	5.00	ug/L	03/21/25 15:25	03/24/25 12:53	EPA 200.7	
7440-50-8	Copper	308		1	1.52	10.0	ug/L	03/21/25 15:25	03/24/25 12:53	EPA 200.7	
7439-92-1	Lead	1.57	U	1	1.57	6.00	ug/L	03/21/25 15:25	03/24/25 12:53	EPA 200.7	
7439-97-6	Mercury	0.20	J	1	0.027	0.20	ug/L	03/25/25 11:54	03/25/25 12:07	E245.1	
7439-98-7	Molybdenum	5.11	U	1	5.11	100	ug/L	03/21/25 15:25	03/24/25 12:53	EPA 200.7	
7440-02-0	Nickel	20.6		1	1.28	20.0	ug/L	03/21/25 15:25	03/24/25 12:53	EPA 200.7	
7440-22-4	Silver	23.4	N	1	0.83	5.00	ug/L	03/21/25 15:25	03/24/25 12:53	EPA 200.7	
7440-66-6	Zinc	39.2		1	1.44	20.0	ug/L	03/21/25 15:25	03/24/25 12:53	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group1			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits