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Hit Summary Sheet
SW-846

SDG No.: Q1595

Order ID: Q1595

Client: Elegant Jewelers Mfg. Co. Inc.

Project ID: Waste Water 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SPRING-2025								
Q1595-02	SPRING-2025	Water	Chromium	6.71		0.52	5.00	ug/L
Q1595-02	SPRING-2025	Water	Copper	308		1.52	10.0	ug/L
Q1595-02	SPRING-2025	Water	Mercury	0.20	J	0.027	0.20	ug/L
Q1595-02	SPRING-2025	Water	Nickel	20.6		1.28	20.0	ug/L
Q1595-02	SPRING-2025	Water	Silver	23.4		0.83	5.00	ug/L
Q1595-02	SPRING-2025	Water	Zinc	39.2		1.44	20.0	ug/L



SAMPLE DATA

A

B

C

D

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

LAB CHRONICLE

OrderID:	Q1595	OrderDate:	3/17/2025 3:09:00 PM
Client:	Elegant Jewelers Mfg. Co. Inc.	Project:	Waste Water 2025
Contact:	Sandy Petropoulos	Location:	I41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1595-02	SPRING-2025	Water			03/18/25			03/19/25
			Mercury	245.1		03/25/25	03/25/25	
			Metals ICP-Group1	200.7		03/21/25	03/24/25	



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Elegant Jewelers Mfg. Co. Inc.	Date Collected:	03/19/25 11:40
Project:	Waste Water 2025	Date Received:	03/19/25
Client Sample ID:	CN-1-4-COMPOSITE	SDG No.:	Q1595
Lab Sample ID:	Q1595-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.0012	U	1	0.0012	0.0050	mg/L	03/20/25 10:00	03/21/25 11:29	SM 4500-CN C-16 plus E-16
Cyanide-Amenable	0.0012	U	1	0.0012	0.0050	mg/L		03/21/25 00:00	SM 4500-CN B-16 plus G-16

Comments: _____

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
H = Sample Analysis Out Of Hold Time

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

LAB CHRONICLE

OrderID:	Q1595	OrderDate:	3/17/2025 3:09:00 PM
Client:	Elegant Jewelers Mfg. Co. Inc.	Project:	Waste Water 2025
Contact:	Sandy Petropoulos	Location:	I41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1595-01	CN-1-4-COMPOSITE	WATER			03/19/25 11:40			03/19/25
			Cyanide	SM4500-CN C,E		03/20/25	03/21/25 11:29	
			Cyanide-Amenable	SM4500-CN B,G Cyanide-Amenable			03/21/25 00:00	