284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

A
B
C
D

Hit Summary Sheet
SW-846

SDG No.: Q3063 **Order ID:** Q3063

Client: Elegant Jewelers Mfg. Co. Inc. **Project ID:** Waste Water 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : FALL-2025								
Q3063-02	FALL-2025	Water	Cadmium	1.81	J	0.31	3.00	ug/L
Q3063-02	FALL-2025	Water	Chromium	47.2		0.53	5.00	ug/L
Q3063-02	FALL-2025	Water	Copper	2300		1.89	10.0	ug/L
Q3063-02	FALL-2025	Water	Lead	37.7		1.21	6.00	ug/L
Q3063-02	FALL-2025	Water	Nickel	176		1.90	20.0	ug/L
Q3063-02	FALL-2025	Water	Silver	28.7		0.81	5.00	ug/L
Q3063-02	FALL-2025	Water	Zinc	1510		2.00	20.0	ug/L

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Elegant Jewelers Mfg. Co. Inc.	Date Collected:	09/09/25
Project:	Waste Water 2025	Date Received:	09/11/25
Client Sample ID:	FALL-2025	SDG No.:	Q3063
Lab Sample ID:	Q3063-02	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	1.81	J	1	0.31	3.00	ug/L	09/15/25 11:40	09/16/25 14:07	EPA 200.7	
7440-47-3	Chromium	47.2		1	0.53	5.00	ug/L	09/15/25 11:40	09/16/25 14:07	EPA 200.7	
7440-50-8	Copper	2300		1	1.89	10.0	ug/L	09/15/25 11:40	09/16/25 14:07	EPA 200.7	
7439-92-1	Lead	37.7		1	1.21	6.00	ug/L	09/15/25 11:40	09/16/25 14:07	EPA 200.7	
7439-97-6	Mercury	0.027	U	1	0.027	0.20	ug/L	09/15/25 08:15	09/15/25 12:52	E245.1	
7439-98-7	Molybdenum	8.80	U	1	8.80	100	ug/L	09/15/25 11:40	09/16/25 14:07	EPA 200.7	
7440-02-0	Nickel	176		1	1.90	20.0	ug/L	09/15/25 11:40	09/16/25 14:07	EPA 200.7	
7440-22-4	Silver	28.7	N	1	0.81	5.00	ug/L	09/15/25 11:40	09/16/25 14:07	EPA 200.7	
7440-66-6	Zinc	1510		1	2.00	20.0	ug/L	09/15/25 11:40	09/16/25 14:07	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

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LAB CHRONICLE

OrderID:	Q3063	**OrderDate:**	9/9/2025 3:44:00 PM
Client:	Elegant Jewelers Mfg. Co. Inc.	**Project:**	Waste Water 2025
Contact:	Sandy Petropoulos	**Location:**	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3063-02	**FALL-2025**	**Water**			**09/09/25**			**09/11/25**
			Mercury	245.1		09/15/25	09/15/25	
			Metals ICP-Group1	200.7		09/15/25	09/16/25	

SAMPLE DATA

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Report of Analysis

Client:	Elegant Jewelers Mfg. Co. Inc.	Date Collected:	09/11/25 10:00
Project:	Waste Water 2025	Date Received:	09/11/25
Client Sample ID:	CN-1-4-COMPOSITE	SDG No.:	Q3063
Lab Sample ID:	Q3063-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.0026	J	1	0.0012	0.0050	mg/L	09/16/25 10:10	09/16/25 12:16	SM 4500-CN C-21 plus E-21
Cyanide-Amenable	0.0012	U	1	0.0012	0.0050	mg/L		09/16/25 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

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LAB CHRONICLE

OrderID:	Q3063	**OrderDate:**	9/9/2025 3:44:00 PM
Client:	Elegant Jewelers Mfg. Co. Inc.	**Project:**	Waste Water 2025
Contact:	Sandy Petropoulos	**Location:**	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3063-01	**CN-1-4-COMPOSITE**	**WATER**			**09/11/25 10:00**			**09/11/25**
			Cyanide	SM4500-CN C,E		09/16/25	09/16/25 12:16	
			Cyanide-Amenable	SM4500-CN B,G Cyanide-Amenable			09/16/25 00:00	