

Hit Summary Sheet SW-846

SDG No.: Q3018

Order ID: Q3018

Client: Alliance Technical Group, LLC - Newark

Project ID: NJ Waste Water PT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WP0925-PT-TM1-WP								
Q3018-01	WP0925-PT-TM1-WP	Water	Aluminum	3200		11.3	100	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Antimony	628		6.76	50.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Arsenic	224		5.12	20.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Barium	1550		14.6	100	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Beryllium	235		0.56	6.00	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Boron	943		15.7	100	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Cadmium	371		0.50	6.00	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Chromium	872		2.12	10.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Cobalt	292		2.26	30.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Copper	353		4.60	20.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Iron	2330		23.4	100	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Lead	989		2.30	12.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Manganese	887		5.94	20.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Molybdenum	266		18.7	200	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Nickel	608		3.06	40.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Selenium	501		9.64	20.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Silver	569		1.62	10.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Strontium	148		4.63	20.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Thallium	614		4.38	40.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Vanadium	1240		6.26	40.0	ug/L
Q3018-01	WP0925-PT-TM1-WP	Water	Zinc	1170		16.7	40.0	ug/L
Client ID : WP0925-PT-SNTI-WP								
Q3018-03	WP0925-PT-SNTI-WP	Water	Tin	673		5.14	40.0	ug/L
Q3018-03	WP0925-PT-SNTI-WP	Water	Titanium	82.5		6.42	40.0	ug/L
Client ID : WP0925-PT-MIN2-WP								
Q3018-05	WP0925-PT-MIN2-WP	Water	Calcium	79400		234	2000	ug/L
Q3018-05	WP0925-PT-MIN2-WP	Water	Magnesium	27900		244	2000	ug/L
Q3018-05	WP0925-PT-MIN2-WP	Water	Potassium	8080		918	2000	ug/L
Q3018-05	WP0925-PT-MIN2-WP	Water	Sodium	24200		868	2000	ug/L
Client ID : WP0925-PT-HG-WP								
Q3018-07	WP0925-PT-HG-WP	Water	Mercury	24.0	D	0.38	1.00	ug/L



SAMPLE DATA

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	09/02/25
Project:	NJ Waste Water PT	Date Received:	09/04/25
Client Sample ID:	WP0925-PT-TM1-WP	SDG No.:	Q3018
Lab Sample ID:	Q3018-01	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.
7429-90-5	Aluminum	3200		1	11.3	100	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-36-0	Antimony	628		1	6.76	50.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-38-2	Arsenic	224		1	5.12	20.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-39-3	Barium	1550		1	14.6	100	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-41-7	Beryllium	235		1	0.56	6.00	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-42-8	Boron	943		1	15.7	100	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-43-9	Cadmium	371		1	0.50	6.00	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-47-3	Chromium	872		1	2.12	10.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-48-4	Cobalt	292		1	2.26	30.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-50-8	Copper	353		1	4.60	20.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7439-89-6	Iron	2330		1	23.4	100	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7439-92-1	Lead	989		1	2.30	12.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7439-96-5	Manganese	887		1	5.94	20.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7439-98-7	Molybdenum	266		1	18.7	200	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-02-0	Nickel	608		1	3.06	40.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7782-49-2	Selenium	501		1	9.64	20.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-22-4	Silver	569		1	1.62	10.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-24-6	Strontium	148		1	4.63	20.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-28-0	Thallium	614		1	4.38	40.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-62-2	Vanadium	1240		1	6.26	40.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010
7440-66-6	Zinc	1170		1	16.7	40.0	ug/L	09/23/25 09:35	09/26/25 14:18	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group3			

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	09/02/25
Project:	NJ Waste Water PT	Date Received:	09/04/25
Client Sample ID:	WP0925-PT-SNTI-WP	SDG No.:	Q3018
Lab Sample ID:	Q3018-03	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.
7440-31-5	Tin	673		1	5.14	40.0	ug/L	09/23/25 09:35	09/26/25 14:22	6010D	SW3010
7440-32-6	Titanium	82.5		1	6.42	40.0	ug/L	09/23/25 09:35	09/26/25 14:22	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

U = Not Detected
 LOQ = Limit of Quantitation
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 LOD = Limit of Detection
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Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	09/02/25
Project:	NJ Waste Water PT	Date Received:	09/04/25
Client Sample ID:	WP0925-PT-MIN2-WP	SDG No.:	Q3018
Lab Sample ID:	Q3018-05	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.
7440-70-2	Calcium	79400	1	234		2000	ug/L	09/23/25 09:35	09/26/25 14:10	6010D	SW3010
7439-95-4	Magnesium	27900	1	244		2000	ug/L	09/23/25 09:35	09/26/25 14:10	6010D	SW3010
7440-09-7	Potassium	8080	1	918		2000	ug/L	09/23/25 09:35	09/26/25 14:10	6010D	SW3010
7440-23-5	Sodium	24200	1	868		2000	ug/L	09/23/25 09:35	09/26/25 14:10	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group5			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
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 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	09/02/25
Project:	NJ Waste Water PT	Date Received:	09/04/25
Client Sample ID:	WP0925-PT-HG-WP	SDG No.:	Q3018
Lab Sample ID:	Q3018-07	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.
7439-97-6	Mercury	24.0	D	5	0.38	1.00	ug/L	10/02/25 14:20	10/03/25 12:26	7470A	

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments: Mercury

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:	Q3018	OrderDate:	9/4/2025 10:19:00 AM
Client:	Alliance Technical Group, LLC - Newark	Project:	NJ Waste Water PT
Contact:	Mohammad Ahmed	Location:	QA Office

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3018-01	WP0925-PT-TM1-WP	Water	Metals Group3	6010D	09/02/25	09/23/25	09/26/25	09/04/25
Q3018-03	WP0925-PT-SNTI-WP	Water	Metals Group4	6010D	09/02/25	09/23/25	09/26/25	09/04/25
Q3018-05	WP0925-PT-MIN2-WP	Water	Metals Group5	6010D	09/02/25	09/23/25	09/26/25	09/04/25
Q3018-07	WP0925-PT-HG-WP	Water	Mercury	7470A	09/02/25	10/02/25	10/03/25	09/04/25