

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								
Q3018-02	WP0925-PT-TM1-WP	Water	Aluminum	3040		1.94	20.0	ug/L
Q3018-02	WP0925-PT-TM1-WP	Water	Antimony	623		0.11	2.00	ug/L
Q3018-02	WP0925-PT-TM1-WP	Water	Arsenic	232		0.089	1.00	ug/L
Q3018-02	WP0925-PT-TM1-WP	Water	Barium	1590		0.21	10.0	ug/L
Q3018-02	WP0925-PT-TM1-WP	Water	Beryllium	248		0.32	1.00	ug/L
Q3018-02	WP0925-PT-TM1-WP	Water	Cadmium	407		0.34	1.00	ug/L
Q3018-02	WP0925-PT-TM1-WP	Water	Chromium	878		0.21	2.00	ug/L
Q3018-02	WP0925-PT-TM1-WP	Water	Cobalt	318		0.070	1.00	ug/L
Q3018-02	WP0925-PT-TM1-WP	Water	Copper	331		0.30	2.00	ug/L
Q3018-02	WP0925-PT-TM1-WP	Water	Iron	2490		7.81	50.0	ug/L
Q3018-02	WP0925-PT-TM1-WP	Water	Lead	1040		0.21	1.00	ug/L
Q3018-02	WP0925-PT-TM1-WP	Water	Manganese	793		0.43	1.00	ug/L
Q3018-02	WP0925-PT-TM1-WP	Water	Nickel	656		0.27	1.00	ug/L
Q3018-02	WP0925-PT-TM1-WP	Water	Molybdenum	254		0.27	5.00	ug/L
Q3018-02	WP0925-PT-TM1-WP	Water	Selenium	542		2.90	5.00	ug/L
Q3018-02	WP0925-PT-TM1-WP	Water	Silver	674		0.060	1.00	ug/L
Q3018-02	WP0925-PT-TM1-WP	Water	Thallium	606		0.060	1.00	ug/L
Q3018-02	WP0925-PT-TM1-WP	Water	Vanadium	1240	D	0.15	10.0	ug/L
Q3018-02	WP0925-PT-TM1-WP	Water	Zinc	1130		1.25	5.00	ug/L
Q3018-02	WP0925-PT-TM1-WP	Water	Strontium	145		0.084	1.00	ug/L
Client ID : WP0925-PT-SNTI-WP								
Q3018-04	WP0925-PT-SNTI-WP	Water	Tin	660		0.31	5.00	ug/L
Q3018-04	WP0925-PT-SNTI-WP	Water	Titanium	78.3		0.20	5.00	ug/L
Client ID : WP0925-PT-MIN2-WP								
Q3018-06	WP0925-PT-MIN2-WP	Water	Calcium	79000		45.7	500	ug/L
Q3018-06	WP0925-PT-MIN2-WP	Water	Magnesium	26100		19.5	500	ug/L
Q3018-06	WP0925-PT-MIN2-WP	Water	Potassium	8400		36.4	500	ug/L
Q3018-06	WP0925-PT-MIN2-WP	Water	Sodium	25400		128	500	ug/L



SAMPLE DATA

A

B

C

D

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:	Q3018-02	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.
7429-90-5	Aluminum	3040		1	1.94	20.0	ug/L	09/23/25 10:05	09/25/25 16:45	6020B	3010A
7440-36-0	Antimony	623		1	0.11	2.00	ug/L	09/23/25 10:05	09/25/25 16:45	6020B	3010A
7440-38-2	Arsenic	232		1	0.089	1.00	ug/L	09/23/25 10:05	09/25/25 16:45	6020B	3010A
7440-39-3	Barium	1590		1	0.21	10.0	ug/L	09/23/25 10:05	09/25/25 16:45	6020B	3010A
7440-41-7	Beryllium	248		1	0.32	1.00	ug/L	09/23/25 10:05	09/25/25 16:45	6020B	3010A
7440-43-9	Cadmium	407		1	0.34	1.00	ug/L	09/23/25 10:05	09/25/25 16:45	6020B	3010A
7440-47-3	Chromium	878		1	0.21	2.00	ug/L	09/23/25 10:05	09/25/25 16:45	6020B	3010A
7440-48-4	Cobalt	318		1	0.070	1.00	ug/L	09/23/25 10:05	09/25/25 16:45	6020B	3010A
7440-50-8	Copper	331		1	0.30	2.00	ug/L	09/23/25 10:05	09/25/25 16:45	6020B	3010A
7439-89-6	Iron	2490		1	7.81	50.0	ug/L	09/23/25 10:05	09/25/25 16:45	6020B	3010A
7439-92-1	Lead	1040		1	0.21	1.00	ug/L	09/23/25 10:05	09/25/25 16:45	6020B	3010A
7439-96-5	Manganese	793		1	0.43	1.00	ug/L	09/23/25 10:05	09/25/25 16:45	6020B	3010A
7439-98-7	Molybdenum	254		1	0.27	5.00	ug/L	09/23/25 10:05	09/25/25 16:45	6020B	3010A
7440-02-0	Nickel	656		1	0.27	1.00	ug/L	09/23/25 10:05	09/25/25 16:45	6020B	3010A
7782-49-2	Selenium	542		1	2.90	5.00	ug/L	09/23/25 10:05	09/25/25 16:45	6020B	3010A
7440-22-4	Silver	674		1	0.060	1.00	ug/L	09/23/25 10:05	09/25/25 16:45	6020B	3010A
7440-24-6	Strontium	145		1	0.084	1.00	ug/L	09/23/25 10:05	09/25/25 16:45	6020B	3010A
7440-28-0	Thallium	606		1	0.060	1.00	ug/L	09/23/25 10:05	09/25/25 16:45	6020B	3010A
7440-62-2	Vanadium	1240	D	2	0.15	10.0	ug/L	09/23/25 10:05	09/25/25 16:51	6020B	3010A
7440-66-6	Zinc	1130		1	1.25	5.00	ug/L	09/23/25 10:05	09/25/25 16:45	6020B	3010A

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:	Q3018-04	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	660		1	0.31	5.00	ug/L	09/23/25 10:05	09/25/25 16:48	6020B	3010A
7440-32-6	Titanium	78.3		1	0.20	5.00	ug/L	09/23/25 10:05	09/25/25 16:48	6020B	3010A

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

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
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 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-MIN2-WP	SDG No.:	Q3018
Lab Sample ID:	Q3018-06	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	79000	1	45.7		500	ug/L	09/23/25 10:05	09/25/25 17:03	6020B	3010A
7439-95-4	Magnesium	26100	1	19.5		500	ug/L	09/23/25 10:05	09/25/25 17:03	6020B	3010A
7440-09-7	Potassium	8400	1	36.4		500	ug/L	09/23/25 10:05	09/25/25 17:03	6020B	3010A
7440-23-5	Sodium	25400	1	128		500	ug/L	09/23/25 10:05	09/25/25 17:03	6020B	3010A

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
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

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 * = 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
Q3018-02	WP0925-PT-TM1-WP	Water	Metals Group3	6020B	09/02/25	09/23/25	09/25/25	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
Q3018-04	WP0925-PT-SNTI-WP	Water	Metals Group4	6020B	09/02/25	09/23/25	09/25/25	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
Q3018-06	WP0925-PT-MIN2-WP	Water	Metals Group5	6020B	09/02/25	09/23/25	09/25/25	09/04/25
Q3018-07	WP0925-PT-HG-WP	Water	Mercury	7470A	09/02/25	10/02/25	10/03/25	09/04/25