

## 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.:	Q3016
Lab Sample ID:	Q3016-05	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	79900	1	173		2000	ug/L	09/23/25 09:30	09/26/25 14:14	EPA 200.7	
Calcium	Calcium	200000	1	432		4990	ug/L	09/23/25 09:30	09/26/25 14:14	EPA 200.7	
Hardness	Hardness										
Hardness	Hardness, Total	315000	1	1290		13200	ug/L	09/23/25 09:30	09/26/25 14:14	EPA 200.7	
7439-95-4	Magnesium	28000	1	208		2000	ug/L	09/23/25 09:30	09/26/25 14:14	EPA 200.7	
7440-09-7	Potassium	8330	1	618		2000	ug/L	09/23/25 09:30	09/26/25 14:14	EPA 200.7	
7440-23-5	Sodium	25200	1	734		2000	ug/L	09/23/25 09:30	09/26/25 14:14	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Hardness, Calcium			

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