

Hit Summary Sheet SW-846

SDG No.: Q1172 **Order ID:** Q1172
Client: Chemtech Consulting Group **Project ID:** NJ Drinking Water PT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PT-TM-WS								
Q1172-04	PT-TM-WS	Water	Aluminum	510		3.80	20.0	ug/L
Q1172-04	PT-TM-WS	Water	Antimony	20.7		0.15	2.00	ug/L
Q1172-04	PT-TM-WS	Water	Arsenic	6.98		0.16	1.00	ug/L
Q1172-04	PT-TM-WS	Water	Barium	1790		0.35	10.0	ug/L
Q1172-04	PT-TM-WS	Water	Beryllium	16.9		0.21	1.00	ug/L
Q1172-04	PT-TM-WS	Water	Cadmium	23.6		0.21	1.00	ug/L
Q1172-04	PT-TM-WS	Water	Chromium	22.4		0.24	2.00	ug/L
Q1172-04	PT-TM-WS	Water	Copper	738		0.79	2.00	ug/L
Q1172-04	PT-TM-WS	Water	Iron	1540		24.8	50.0	ug/L
Q1172-04	PT-TM-WS	Water	Lead	20.3		0.27	1.00	ug/L
Q1172-04	PT-TM-WS	Water	Manganese	843		0.29	1.00	ug/L
Q1172-04	PT-TM-WS	Water	Nickel	215		0.16	1.00	ug/L
Q1172-04	PT-TM-WS	Water	Molybdenum	50.4		0.93	5.00	ug/L
Q1172-04	PT-TM-WS	Water	Selenium	30.7		1.95	5.00	ug/L
Q1172-04	PT-TM-WS	Water	Silver	231		0.42	1.00	ug/L
Q1172-04	PT-TM-WS	Water	Thallium	7.27		0.11	1.00	ug/L
Q1172-04	PT-TM-WS	Water	Vanadium	309		0.11	5.00	ug/L
Q1172-04	PT-TM-WS	Water	Zinc	221		0.58	5.00	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/13/25
Project:	NJ Drinking Water PT	Date Received:	01/15/25
Client Sample ID:	PT-TM-WS	SDG No.:	Q1172
Lab Sample ID:	Q1172-04	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.
7429-90-5	Aluminum	510		1	3.80	20.0	ug/L	02/11/25 10:00	02/14/25 11:57	200.8	
7440-36-0	Antimony	20.7		1	0.15	2.00	ug/L	02/11/25 10:00	02/14/25 11:57	200.8	
7440-38-2	Arsenic	6.98		1	0.16	1.00	ug/L	02/11/25 10:00	02/14/25 11:57	200.8	
7440-39-3	Barium	1790		1	0.35	10.0	ug/L	02/11/25 10:00	02/14/25 11:57	200.8	
7440-41-7	Beryllium	16.9		1	0.21	1.00	ug/L	02/11/25 10:00	02/14/25 11:57	200.8	
7440-43-9	Cadmium	23.6		1	0.21	1.00	ug/L	02/11/25 10:00	02/14/25 11:57	200.8	
7440-47-3	Chromium	22.4		1	0.24	2.00	ug/L	02/11/25 10:00	02/14/25 11:57	200.8	
7440-50-8	Copper	738		1	0.79	2.00	ug/L	02/11/25 10:00	02/14/25 11:57	200.8	
7439-89-6	Iron	1540		1	24.8	50.0	ug/L	02/11/25 10:00	02/14/25 11:57	200.8	
7439-92-1	Lead	20.3		1	0.27	1.00	ug/L	02/11/25 10:00	02/14/25 11:57	200.8	
7439-96-5	Manganese	843		1	0.29	1.00	ug/L	02/11/25 10:00	02/14/25 11:57	200.8	
7439-98-7	Molybdenum	50.4		1	0.93	5.00	ug/L	02/11/25 10:00	02/14/25 11:57	200.8	
7440-02-0	Nickel	215		1	0.16	1.00	ug/L	02/11/25 10:00	02/14/25 11:57	200.8	
7782-49-2	Selenium	30.7		1	1.95	5.00	ug/L	02/11/25 10:00	02/14/25 11:57	200.8	
7440-22-4	Silver	231		1	0.42	1.00	ug/L	02/11/25 10:00	02/14/25 11:57	200.8	
7440-28-0	Thallium	7.27		1	0.11	1.00	ug/L	02/11/25 10:00	02/14/25 11:57	200.8	
7440-62-2	Vanadium	309		1	0.11	5.00	ug/L	02/11/25 10:00	02/14/25 11:57	200.8	
7440-66-6	Zinc	221		1	0.58	5.00	ug/L	02/11/25 10:00	02/14/25 11:57	200.8	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group7			

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:	Q1172	OrderDate:	1/23/2025 2:53:00 PM
Client:	Chemtech Consulting Group	Project:	NJ Drinking Water PT
Contact:	QA Officer	Location:	QA Office,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1172-03	PT-MIN-WS	Water	Hardness, Calcium	SM2340B	01/13/25	02/12/25	02/18/25	01/15/25
			Metals Group3	200.7		02/12/25	02/18/25	
Q1172-04	PT-TM-WS	Water	Metals Group6	200.7	01/13/25	02/12/25	02/12/25	01/15/25
			Metals Group7	200.8		02/11/25	02/14/25	
Q1172-05	PT-HG-WS	Water	Mercury	245.1	01/13/25	02/11/25	02/11/25	01/15/25
Q1172-06	PT-SIO2-WS	Water	Silica	200.7	01/13/25	02/12/25	02/18/25	01/15/25