

Hit Summary Sheet SW-846

SDG No.: P5283

Order ID: P5283

Client: Tetra Tech NUS, Inc.

Project ID: CTO WE13

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : TT-RW10A-IDWGW-20241213									
P5283-02	TT-RW10A-IDWGW-20241213	Water	Aluminum	45300		28.3	40.0	50.0	ug/L
P5283-02	TT-RW10A-IDWGW-20241213	Water	Arsenic	56.0		3.48	8.00	10.0	ug/L
P5283-02	TT-RW10A-IDWGW-20241213	Water	Barium	176		6.28	12.5	50.0	ug/L
P5283-02	TT-RW10A-IDWGW-20241213	Water	Beryllium	7.61		0.13	0.75	3.00	ug/L
P5283-02	TT-RW10A-IDWGW-20241213	Water	Cadmium	19.5		0.094	0.75	3.00	ug/L
P5283-02	TT-RW10A-IDWGW-20241213	Water	Calcium	11800		33.0	250	1000	ug/L
P5283-02	TT-RW10A-IDWGW-20241213	Water	Chromium	165		0.66	2.50	5.00	ug/L
P5283-02	TT-RW10A-IDWGW-20241213	Water	Cobalt	231		0.50	3.75	15.0	ug/L
P5283-02	TT-RW10A-IDWGW-20241213	Water	Copper	233		7.07	8.00	10.0	ug/L
P5283-02	TT-RW10A-IDWGW-20241213	Water	Iron	113000		18.5	40.0	50.0	ug/L
P5283-02	TT-RW10A-IDWGW-20241213	Water	Lead	152		3.51	4.80	6.00	ug/L
P5283-02	TT-RW10A-IDWGW-20241213	Water	Magnesium	4380		39.4	250	1000	ug/L
P5283-02	TT-RW10A-IDWGW-20241213	Water	Manganese	840		1.46	2.50	10.0	ug/L
P5283-02	TT-RW10A-IDWGW-20241213	Water	Mercury	0.89		0.081	0.16	0.20	ug/L
P5283-02	TT-RW10A-IDWGW-20241213	Water	Nickel	471		0.85	5.00	20.0	ug/L
P5283-02	TT-RW10A-IDWGW-20241213	Water	Potassium	6160		685	800	1000	ug/L
P5283-02	TT-RW10A-IDWGW-20241213	Water	Sodium	27500		237	500	1000	ug/L
P5283-02	TT-RW10A-IDWGW-20241213	Water	Vanadium	213		3.06	10.0	20.0	ug/L
P5283-02	TT-RW10A-IDWGW-20241213	Water	Zinc	394		1.75	5.00	20.0	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	12/13/24
Project:	CTO WE13	Date Received:	12/13/24
Client Sample ID:	TT-RW10A-IDWGW-20241213	SDG No.:	P5283
Lab Sample ID:	P5283-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	45300		1	28.3	40.0	50.0	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7440-36-0	Antimony	6.25	U	1	2.06	6.25	25.0	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7440-38-2	Arsenic	56.0		1	3.48	8.00	10.0	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7440-39-3	Barium	176		1	6.28	12.5	50.0	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7440-41-7	Beryllium	7.61		1	0.13	0.75	3.00	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7440-43-9	Cadmium	19.5		1	0.094	0.75	3.00	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7440-70-2	Calcium	11800		1	33.0	250	1000	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7440-47-3	Chromium	165		1	0.66	2.50	5.00	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7440-48-4	Cobalt	231		1	0.50	3.75	15.0	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7440-50-8	Copper	233		1	7.07	8.00	10.0	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7439-89-6	Iron	113000		1	18.5	40.0	50.0	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7439-92-1	Lead	152		1	3.51	4.80	6.00	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7439-95-4	Magnesium	4380		1	39.4	250	1000	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7439-96-5	Manganese	840		1	1.46	2.50	10.0	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7439-97-6	Mercury	0.89		1	0.081	0.16	0.20	ug/L	12/16/24 14:40	12/17/24 11:25	SW7470A	
7440-02-0	Nickel	471		1	0.85	5.00	20.0	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7440-09-7	Potassium	6160	N	1	685	800	1000	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7782-49-2	Selenium	8.00	U	1	5.88	8.00	10.0	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7440-22-4	Silver	2.50	U	1	0.58	2.50	5.00	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7440-23-5	Sodium	27500		1	237	500	1000	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7440-28-0	Thallium	10.0	U	1	2.32	10.0	20.0	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7440-62-2	Vanadium	213		1	3.06	10.0	20.0	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010
7440-66-6	Zinc	394		1	1.75	5.00	20.0	ug/L	12/16/24 11:10	12/16/24 21:18	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	METALS-TAL			

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:	P5283	OrderDate:	12/13/2024 1:07:00 PM
Client:	Tetra Tech NUS, Inc.	Project:	CTO WE13
Contact:	Ernie Wu	Location:	L61,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5283-02	TT-RW10A-IDWGW-2 0241213	Water			12/13/24			12/13/24
			Mercury	7470A		12/16/24	12/17/24	
			Metals ICP-TAL	6010D		12/16/24	12/16/24	