

DATA PACKAGE

GENERAL CHEMISTRY
METALS

PROJECT NAME : NYU CLINICAL LAB WATER TESTING 2025 - H252243895

NYU LANGONE HEALTH

560 First Avenue 4th Floor TH-418

New York, NY - 10016

Phone No: 646-501-0733

ORDER ID : Q3524

ATTENTION : Marie-Ange Exilhomme



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3524

Project ID : NYU Clinical Lab Water Testing 2025 - H252243895

Client : NYU Langone Health

Lab Sample Number

Q3524-01
Q3524-02
Q3524-03
Q3524-04

Client Sample Number

TH-430-DI-1
TH-430-DI-2
TH-430-DI-3
TH-404-DI-4

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 11/14/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

NYU Langone Health

Project Name: NYU Clinical Lab Water Testing 2025 - H252243895

Project # N/A

Order ID # Q3524

Test Name: Metals Group3,pH

A. Number of Samples and Date of Receipt:

4 Water samples were received on 10/31/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Metals Group3,pH. This data package contains results for Metals Group3(200.7), pH(9040C).

C. Analytical Techniques:

Metals Group3 : The analysis and digestion of Metals Group3 was based on method 200.7.

Wetchem : The analysis of pH was based on method 9040C.

D. QA/ QC Samples:

The Holding Times were met for all analysis except following Wetchem : TH-404-DI-4 of pH, for TH-430-DI-1 of pH, for TH-430-DI-2 of pH and for TH-430-DI-3 of pH as samples were receive out of holding time.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the acceptable requirements.

The RPD recoveries met criteria.

The Blank Spike met requirements for all compounds

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Duplicate analysis met criteria for all compounds.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:



284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

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Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3524

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 11/14/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q3524

Order ID: Q3524

Client: NYU Langone Health

Project ID: NYU Clinical Lab Water Testing 2025 - H2

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								



SAMPLE DATA

Report of Analysis

Client:	NYU Langone Health	Date Collected:	10/31/25
Project:	NYU Clinical Lab Water Testing 2025 - H252243895	Date Received:	10/31/25
Client Sample ID:	TH-430-DI-1	SDG No.:	Q3524
Lab Sample ID:	Q3524-01	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.
Dissolved Silica	Dissolved Silica	40.0	U	1	40.0	428	ug/L	11/03/25 10:40	11/05/25 13:40	EPA 200.7	M200.7

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:	NYU Langone Health	Date Collected:	10/31/25
Project:	NYU Clinical Lab Water Testing 2025 - H252243895	Date Received:	10/31/25
Client Sample ID:	TH-430-DI-2	SDG No.:	Q3524
Lab Sample ID:	Q3524-02	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.
Dissolved Silica	Dissolved Silica	40.0	U	1	40.0	428	ug/L	11/03/25 10:40	11/05/25 13:45	EPA 200.7	M200.7

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:	NYU Langone Health	Date Collected:	10/31/25
Project:	NYU Clinical Lab Water Testing 2025 - H252243895	Date Received:	10/31/25
Client Sample ID:	TH-430-DI-3	SDG No.:	Q3524
Lab Sample ID:	Q3524-03	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.
Dissolved Silica	Dissolved Silica	40.0	U	1	40.0	428	ug/L	11/03/25 10:40	11/05/25 13:49	EPA 200.7	M200.7

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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 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:	NYU Langone Health	Date Collected:	10/31/25
Project:	NYU Clinical Lab Water Testing 2025 - H252243895	Date Received:	10/31/25
Client Sample ID:	TH-404-DI-4	SDG No.:	Q3524
Lab Sample ID:	Q3524-04	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.
Dissolved Silica	Dissolved Silica	40.0	U	1	40.0	428	ug/L	11/03/25 10:40	11/05/25 13:53	EPA 200.7	M200.7

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
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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:	Q3524	OrderDate:	10/31/2025 3:09:00 PM
Client:	NYU Langone Health	Project:	NYU Clinical Lab Water Testing 2025 - H252243895
Contact:	Marie-Ange Exilhomme	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3524-01	TH-430-DI-1	Water	Metals Group3	200.7	10/31/25	11/03/25	11/05/25	10/31/25
Q3524-02	TH-430-DI-2	Water	Metals Group3	200.7	10/31/25	11/03/25	11/05/25	10/31/25
Q3524-03	TH-430-DI-3	Water	Metals Group3	200.7	10/31/25	11/03/25	11/05/25	10/31/25
Q3524-04	TH-404-DI-4	Water	Metals Group3	200.7	10/31/25	11/03/25	11/05/25	10/31/25



SAMPLE DATA

Report of Analysis

Client:	NYU Langone Health	Date Collected:	10/31/25 12:15
Project:	NYU Clinical Lab Water Testing 2025 - H252243895	Date Received:	10/31/25
Client Sample ID:	TH-430-DI-1	SDG No.:	Q3524
Lab Sample ID:	Q3524-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	4.75	H	1	0	0	pH		11/03/25 09:37	9040C

Comments: pH result reported at temperature 22.6 °C

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
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
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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:	NYU Langone Health	Date Collected:	10/31/25 12:15
Project:	NYU Clinical Lab Water Testing 2025 - H252243895	Date Received:	10/31/25
Client Sample ID:	TH-430-DI-2	SDG No.:	Q3524
Lab Sample ID:	Q3524-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	5.03	H	1	0	0	pH		11/03/25 09:45	9040C

Comments: pH result reported at temperature 22.6 °C

U = Not Detected
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Report of Analysis

Client:	NYU Langone Health	Date Collected:	10/31/25 12:15
Project:	NYU Clinical Lab Water Testing 2025 - H252243895	Date Received:	10/31/25
Client Sample ID:	TH-430-DI-3	SDG No.:	Q3524
Lab Sample ID:	Q3524-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	5.05	H	1	0	0	pH		11/03/25 09:55	9040C

Comments: pH result reported at temperature 22.7 °C

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

Client:	NYU Langone Health	Date Collected:	10/31/25 12:15
Project:	NYU Clinical Lab Water Testing 2025 - H252243895	Date Received:	10/31/25
Client Sample ID:	TH-404-DI-4	SDG No.:	Q3524
Lab Sample ID:	Q3524-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	5.09	H	1	0	0	pH		11/03/25 10:00	9040C

Comments: pH result reported at temperature 22.6 °C

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MDL = Method Detection Limit
LOD = Limit of Detection
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H = Sample Analysis Out Of Hold Time

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LAB CHRONICLE

OrderID:	Q3524	OrderDate:	10/31/2025 3:09:00 PM
Client:	NYU Langone Health	Project:	NYU Clinical Lab Water Testing 2025 - H252243895
Contact:	Marie-Ange Exilhomme	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3524-01	TH-430-DI-1	WATER			10/31/25 12:15			10/31/25
			pH	9040C			11/03/25 09:37	
Q3524-02	TH-430-DI-2	WATER			10/31/25 12:15			10/31/25
			pH	9040C			11/03/25 09:45	
Q3524-03	TH-430-DI-3	WATER			10/31/25 12:15			10/31/25
			pH	9040C			11/03/25 09:55	
Q3524-04	TH-404-DI-4	WATER			10/31/25 12:15			10/31/25
			pH	9040C			11/03/25 10:00	



SHIPPING DOCUMENTS

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312