

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

LAB CHRONICLE

OrderID:	Q3584	OrderDate:	11/7/2025 3:17:00 PM
Client:	Remington & Vernick Engineers	Project:	Edison Landfill
Contact:	Kyle Carlson	Location:	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3584-01	SW-1	WATER			11/06/25 14:15			11/07/25
			Anions Group1	300.0			11/07/25 18:18	
			BOD5	SM5210 B			11/07/25 19:00	
			COD	SM5220 D			11/14/25 14:08	
			Cyanide	9012B		11/10/25	11/10/25 12:55	
			Hexavalent Chromium	7196A			11/07/25 19:37	
			pH	9040C			11/10/25 14:10	
			TDS	SM2540 C			11/10/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/11/25	11/12/25 12:04	
Q3584-02	SW-2	WATER			11/07/25 08:30			11/07/25
			Anions Group1	300.0			11/07/25 18:40	
			BOD5	SM5210 B			11/07/25 19:00	
			COD	SM5220 D			11/14/25 14:08	
			Cyanide	9012B		11/10/25	11/10/25 13:02	

LAB CHRONICLE

Q3584-03	SW-3	WATER	Hexavalent Chromium	7196A	11/07/25 08:15	11/07/25 19:39	11/07/25
			pH	9040C		11/10/25 14:15	
			TDS	SM2540 C		11/10/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/11/25 11/12/25 12:04	
			Anions Group1	300.0		11/07/25 19:45	
			BOD5	SM5210 B		11/07/25 19:00	
			COD	SM5220 D		11/14/25 14:09	
			Cyanide	9012B		11/10/25 11/10/25 13:02	
			Hexavalent Chromium	7196A		11/07/25 19:39	
			pH	9040C		11/10/25 14:22	
Q3584-04	EB-2	WATER	TDS	SM2540 C	11/06/25 15:25	11/10/25 11:30	11/07/25
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/11/25 11/12/25 12:04	
			Cyanide	9012B		11/14/25 11/14/25 12:34	
			Hexavalent Chromium	7196A		11/07/25 19:40	
			pH	9040C		11/10/25 14:25	

LAB CHRONICLE

Q3584-05	FB-2	WATER			11/07/25 08:55			11/07/25
			BOD5	SM5210 B			11/07/25 19:00	
			Cyanide	9012B		11/10/25	11/10/25 13:08	
			Hexavalent Chromium	7196A			11/07/25 19:40	
			pH	9040C			11/10/25 14:30	
Q3584-07	SEEP-1	WATER			11/07/25 10:40			11/07/25
			Anions Group1	300.0			11/07/25 20:28	
			BOD5	SM5210 B			11/07/25 19:00	
			COD	SM5220 D			11/14/25 14:09	
			Cyanide	9012B		11/10/25	11/10/25 13:08	
			Hexavalent Chromium	7196A			11/07/25 19:42	
			Oil and Grease	1664A			11/13/25 10:00	
			pH	9040C			11/10/25 14:37	
			TDS	SM2540 C			11/10/25 11:30	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/11/25	11/12/25 12:04	
Q3584-07DL	SEEP-1DL	WATER			11/07/25 10:40			11/07/25
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		11/11/25	11/12/25 13:42	



SAMPLE DATA

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: SW-1
Lab Sample ID: Q3584-01

Date Collected: 11/06/25 14:15
Date Received: 11/07/25
SDG No.: Q3584
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.12	J	1	0.074	0.60	mg/L		11/07/25 18:18	300.0
Nitrate	1.80		1	0.095	0.50	mg/L		11/07/25 18:18	300.0
Nitrate+Nitrite	1.92		1	0.17	1.10	mg/L		11/07/25 18:18	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		11/07/25 19:00	SM 5210 B-16
COD	8.70	J	1	1.50	10.0	mg/L		11/14/25 14:08	SM 5220 D-11
Cyanide	0.0012	U	1	0.0012	0.0050	mg/L	11/10/25 08:15	11/10/25 12:55	SM 4500-CN C-21 plus E-21
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/07/25 19:37	7196A
pH	6.73	H	1	0	0	pH		11/10/25 14:10	9040C
TDS	1600		1	1.00	10.0	mg/L		11/10/25 11:30	SM 2540 C-20
TKN	0.66		1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 12:04	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.6 °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

* = 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: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: SW-2
Lab Sample ID: Q3584-02

Date Collected: 11/07/25 08:30
Date Received: 11/07/25
SDG No.: Q3584
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.14	J	1	0.074	0.60	mg/L		11/07/25 18:40	300.0
Nitrate	1.00		1	0.095	0.50	mg/L		11/07/25 18:40	300.0
Nitrate+Nitrite	1.14		1	0.17	1.10	mg/L		11/07/25 18:40	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		11/07/25 19:00	SM 5210 B-16
COD	78.5		1	1.50	10.0	mg/L		11/14/25 14:08	SM 5220 D-11
Cyanide	0.0036	J	1	0.0012	0.0050	mg/L	11/10/25 08:15	11/10/25 13:02	SM 4500-CN C-21 plus E-21
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/07/25 19:39	7196A
pH	6.39	H	1	0	0	pH		11/10/25 14:15	9040C
TDS	14600		1	1.00	10.0	mg/L		11/10/25 11:30	SM 2540 C-20
TKN	0.75		1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 12:04	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.5 °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

* = 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: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: SW-3
Lab Sample ID: Q3584-03

Date Collected: 11/07/25 08:15
Date Received: 11/07/25
SDG No.: Q3584
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.14	J	1	0.074	0.60	mg/L		11/07/25 19:45	300.0
Nitrate	1.10		1	0.095	0.50	mg/L		11/07/25 19:45	300.0
Nitrate+Nitrite	1.24		1	0.17	1.10	mg/L		11/07/25 19:45	300.0
BOD5	0.20	U	1	0.20	2.00	mg/L		11/07/25 19:00	SM 5210 B-16
COD	76.5		1	1.50	10.0	mg/L		11/14/25 14:09	SM 5220 D-11
Cyanide	0.0023	J	1	0.0012	0.0050	mg/L	11/10/25 08:15	11/10/25 13:02	SM 4500-CN C-21 plus E-21
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/07/25 19:39	7196A
pH	6.60	H	1	0	0	pH		11/10/25 14:22	9040C
TDS	12500		1	1.00	10.0	mg/L		11/10/25 11:30	SM 2540 C-20
TKN	2.20		1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 12:04	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.5 °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

* = 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: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: EB-2
Lab Sample ID: Q3584-04

Date Collected: 11/06/25 15:25
Date Received: 11/07/25
SDG No.: Q3584
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.00096	U	1	0.00096	0.0050	mg/L	11/14/25 12:40	11/14/25 12:34	9012B
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/07/25 19:40	7196A
pH	7.40	H	1	0	0	pH		11/10/25 14:25	9040C

Comments: pH result reported at temperature 20.9 °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

* = 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: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: FB-2
Lab Sample ID: Q3584-05

Date Collected: 11/07/25 08:55
Date Received: 11/07/25
SDG No.: Q3584
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD5	0.20	U	1	0.20	2.00	mg/L		11/07/25 19:00	SM 5210 B-16
Cyanide	0.0012	U	1	0.0012	0.0050	mg/L	11/10/25 08:15	11/10/25 13:08	SM 4500-CN C-21 plus E-21
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/07/25 19:40	7196A
pH	7.30	H	1	0	0	pH		11/10/25 14:30	9040C

Comments: pH result reported at temperature 20.5 °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

* = 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: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: SEEP-1
Lab Sample ID: Q3584-07

Date Collected: 11/07/25 10:40
Date Received: 11/07/25
SDG No.: Q3584
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.60		1	0.074	0.60	mg/L		11/07/25 20:28	300.0
Nitrate	4.40		1	0.095	0.50	mg/L		11/07/25 20:28	300.0
Nitrate+Nitrite	5.00		1	0.17	1.10	mg/L		11/07/25 20:28	300.0
BOD5	449		1	0.20	2.00	mg/L		11/07/25 19:00	SM 5210 B-16
COD	5850	D	50	75.0	500	mg/L		11/14/25 14:09	SM 5220 D-11
Cyanide	0.031		1	0.0012	0.0050	mg/L	11/10/25 08:15	11/10/25 13:08	SM 4500-CN C-21 plus E-21
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/07/25 19:42	7196A
Oil and Grease	90.2		1	0.29	5.00	mg/L		11/13/25 10:00	1664A
pH	7.60	H	1	0	0	pH		11/10/25 14:37	9040C
TDS	2030		1	1.00	10.0	mg/L		11/10/25 11:30	SM 2540 C-20
TKN	31.6	OR	1	0.11	0.50	mg/L	11/11/25 08:10	11/12/25 12:04	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: pH result reported at temperature 20.2 °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

* = 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: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: SEEP-1DL
Lab Sample ID: Q3584-07DL

Date Collected: 11/07/25 10:40
Date Received: 11/07/25
SDG No.: Q3584
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TKN	138	D	20	2.20	10.0	mg/L	11/11/25 08:10	11/12/25 13:42	SM4500-N Org C-21 plus NH3 B plus G-21

Comments: _____

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
* = 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



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

RunNo.: LB137832

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.503	0.5	101	90-110	11/07/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.502	0.5	100	90-110	11/07/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.498	0.5	100	90-110	11/07/2025
Sample ID: CCV3 Hexavalent Chromium	mg/L	0.500	0.5	100	90-110	11/07/2025

Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

RunNo.: LB137833

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	9.7	10	97	90-110	11/03/2025
Chloride	mg/L	2.9	3	97	90-110	11/03/2025
Fluoride	mg/L	2	2	100	90-110	11/03/2025
Nitrite	mg/L	2.9	3	97	90-110	11/03/2025
Nitrate	mg/L	2.4	2.5	96	90-110	11/03/2025
Sulfate	mg/L	14.5	15	97	90-110	11/03/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	11/03/2025
Sample ID: CCV1						
Bromide	mg/L	10.3	10	103	90-110	11/07/2025
Chloride	mg/L	3.1	3	103	90-110	11/07/2025
Fluoride	mg/L	2.1	2	105	90-110	11/07/2025
Nitrite	mg/L	3.1	3	103	90-110	11/07/2025
Nitrate	mg/L	2.6	2.5	104	90-110	11/07/2025
Sulfate	mg/L	15.2	15	101	90-110	11/07/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	11/07/2025
Sample ID: CCV2						
Bromide	mg/L	10.1	10	101	90-110	11/07/2025
Chloride	mg/L	3	3	100	90-110	11/07/2025
Fluoride	mg/L	2	2	100	90-110	11/07/2025
Nitrite	mg/L	3	3	100	90-110	11/07/2025
Nitrate	mg/L	2.5	2.5	100	90-110	11/07/2025
Sulfate	mg/L	14.8	15	99	90-110	11/07/2025
Orthophosphate as P	mg/L	4.9	5	98	90-110	11/07/2025

Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

RunNo.: LB137837

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Cyanide	mg/L	0.098	0.099	99	85-115	11/10/2025
Sample ID: CCV1 Cyanide	mg/L	0.25	0.25	100	90-110	11/10/2025
Sample ID: CCV2 Cyanide	mg/L	0.24	0.25	96	90-110	11/10/2025
Sample ID: CCV3 Cyanide	mg/L	0.24	0.25	96	90-110	11/10/2025

Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

RunNo.: LB137843

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV pH	pH	7.02	7	100	90-110	11/10/2025
Sample ID: CCV1 pH	pH	2.01	2.00	101	90-110	11/10/2025
Sample ID: CCV2 pH	pH	12.02	12.00	100	90-110	11/10/2025
Sample ID: CCV3 pH	pH	2.01	2.00	101	90-110	11/10/2025

Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

RunNo.: LB137870

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 TKN	mg/L	5.1	5	102	90-110	11/12/2025
Sample ID: CCV1 TKN	mg/L	5	5	100	90-110	11/12/2025
Sample ID: CCV2 TKN	mg/L	5	5	100	90-110	11/12/2025
Sample ID: CCV3 TKN	mg/L	5.1	5	102	90-110	11/12/2025
Sample ID: CCV4 TKN	mg/L	5.1	5	102	90-110	11/12/2025
Sample ID: CCV5 TKN	mg/L	5	5	100	90-110	11/12/2025
Sample ID: CCV6 TKN	mg/L	5.2	5	104	90-110	11/12/2025

Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

RunNo.: LB137901

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Cyanide	mg/L	0.095	0.099	96	90-110	11/14/2025
Sample ID: CCV1 Cyanide	mg/L	0.24	0.25	96	90-110	11/14/2025
Sample ID: CCV2 Cyanide	mg/L	0.24	0.25	96	90-110	11/14/2025
Sample ID: CCV3 Cyanide	mg/L	0.24	0.25	96	90-110	11/14/2025
Sample ID: CCV4 Cyanide	mg/L	0.25	0.25	100	90-110	11/14/2025

Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

RunNo.: LB137904

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV COD	mg/L	50.173	50	100	95-105	09/08/2025
Sample ID: CCV1 COD	mg/L	51.184	50	102	95-105	11/14/2025
Sample ID: CCV2 COD	mg/L	48.150	50	96	95-105	11/14/2025
Sample ID: CCV3 COD	mg/L	48.150	50	96	95-105	11/14/2025
Sample ID: CCV4 COD	mg/L	49.161	50	98	95-105	11/14/2025

Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

RunNo.: LB137832

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/07/2025
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/07/2025
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/07/2025
Sample ID: CCB3 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	11/07/2025

Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

RunNo.: LB137833

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/03/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/07/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/07/2025

Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

RunNo.: LB137837

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.0012	0.005	11/10/2025
Sample ID: CCB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.0012	0.005	11/10/2025
Sample ID: CCB2 Cyanide	mg/L	0.0013	0.0025	J	0.0012	0.005	11/10/2025
Sample ID: CCB3 Cyanide	mg/L	< 0.0025	0.0025	U	0.0012	0.005	11/10/2025

Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

RunNo.: LB137870

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID: CCB1 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID: CCB2 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID: CCB3 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID: CCB4 TKN	mg/L	0.16	0.2500	J	0.11	0.5	11/12/2025
Sample ID: CCB5 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID: CCB6 TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025

Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

RunNo.: LB137901

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/14/2025
Sample ID: CCB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/14/2025
Sample ID: CCB2 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/14/2025
Sample ID: CCB3 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/14/2025
Sample ID: CCB4 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/14/2025

Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

RunNo.: LB137904

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB COD	mg/L	< 5.0000	5.0000	U	1.50	10	09/08/2025
Sample ID: CCB1 COD	mg/L	< 5.0000	5.0000	U	1.50	10	11/14/2025
Sample ID: CCB2 COD	mg/L	< 5.0000	5.0000	U	1.50	10	11/14/2025
Sample ID: CCB3 COD	mg/L	< 5.0000	5.0000	U	1.50	10	11/14/2025
Sample ID: CCB4 COD	mg/L	< 5.0000	5.0000	U	1.50	10	11/14/2025

Preparation Blank Summary

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137832BL							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.003	0.01	11/07/2025
Sample ID: LB137833BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	11/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	11/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	11/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	11/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	11/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	11/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	11/07/2025
Sample ID: LB137845BL							
TDS	mg/L	< 5.0000	5.0000	U	1.0	10	11/10/2025
Sample ID: LB137871BL							
BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	11/07/2025
Sample ID: LB137877BL							
Oil and Grease	mg/L	< 2.5000	2.5000	U	0.29	5.0	11/13/2025
Sample ID: LB137904BL							
COD	mg/L	< 5.0000	5.0000	U	1.5	10.0	11/14/2025
Sample ID: PB170465BL							
Cyanide	mg/L	< 0.0025	0.0025	U	0.0012	0.005	11/10/2025
Sample ID: PB170510BL							
TKN	mg/L	< 0.2500	0.2500	U	0.11	0.5	11/12/2025
Sample ID: PB170563BL							
Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	11/14/2025

Matrix Spike Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3584
Project:	Edison Landfill	Sample ID:	Q3552-04
Client ID:	MW-10MS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
TKN	mg/L	75-125	7.30		2.90		5	1	88		11/12/2025

Matrix Spike Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3584
Project:	Edison Landfill	Sample ID:	Q3552-04
Client ID:	MW-10MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
TKN	mg/L	75-125	7.20		2.90		5	1	86		11/12/2025

Matrix Spike Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3584
Project:	Edison Landfill	Sample ID:	Q3578-01
Client ID:	MH-1172025MS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	115		94.2		20.0	1	102		11/13/2025

Matrix Spike Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3584
Project:	Edison Landfill	Sample ID:	Q3578-01
Client ID:	MH-1172025MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	113		94.2		20.0	1	95		11/13/2025

Matrix Spike Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3584
Project:	Edison Landfill	Sample ID:	Q3584-01
Client ID:	SW-1MS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	0.038		0.0012	U	0.04	1	95		11/10/2025
Hexavalent Chromium	mg/L	90-111	0.93		0.0030	U	1.0	2	93		11/07/2025

Matrix Spike Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3584
Project:	Edison Landfill	Sample ID:	Q3584-01
Client ID:	SW-1MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	0.037		0.0012	U	0.04	1	92		11/10/2025
Hexavalent Chromium	mg/L	90-111	0.93		0.0030	U	1.0	2	93		11/07/2025

Matrix Spike Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3584
Project:	Edison Landfill	Sample ID:	Q3584-02
Client ID:	SW-2MS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	35.2	OR	25.7	OR	10	1	95		11/07/2025
Chloride	mg/L	80-120	0.19	U	0.19	U	3	1	0	*	11/07/2025
Fluoride	mg/L	80-120	2.60		0.68		2	1	96		11/07/2025
Nitrite	mg/L	80-120	3.10		0.14	J	3	1	99		11/07/2025
Nitrate	mg/L	80-120	3.40		1.00		2.5	1	96		11/07/2025
Sulfate	mg/L	80-120	1370	OR	1420	OR	15	1	-333	*	11/07/2025
Orthophosphate as P	mg/L	80-120	4.90		0.34	U	5	1	98		11/07/2025

Matrix Spike Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3584
Project:	Edison Landfill	Sample ID:	Q3584-02
Client ID:	SW-2MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	35.1	OR	25.7	OR	10	1	94		11/07/2025
Chloride	mg/L	80-120	0.19	U	0.19	U	3	1	0	*	11/07/2025
Fluoride	mg/L	80-120	2.60		0.68		2	1	96		11/07/2025
Nitrite	mg/L	80-120	3.10		0.14	J	3	1	99		11/07/2025
Nitrate	mg/L	80-120	3.40		1.00		2.5	1	96		11/07/2025
Sulfate	mg/L	80-120	1370	OR	1420	OR	15	1	-333	*	11/07/2025
Orthophosphate as P	mg/L	80-120	5.20		0.34	U	5	1	104		11/07/2025

Matrix Spike Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3584
Project:	Edison Landfill	Sample ID:	Q3630-05
Client ID:	DSN003MS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
COD	mg/L	75-125	68.4		23.9		50.0	1	89		11/14/2025

Matrix Spike Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3584
Project:	Edison Landfill	Sample ID:	Q3630-05
Client ID:	DSN003MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
COD	mg/L	75-125	67.4		23.9		50.0	1	87		11/14/2025

Duplicate Sample Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3584
Project:	Edison Landfill	Sample ID:	Q3552-04
Client ID:	MW-10DUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TKN	mg/L	+/-20	2.90		2.70		1	7		11/12/2025

Duplicate Sample Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3584
Project:	Edison Landfill	Sample ID:	Q3552-04
Client ID:	MW-10MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TKN	mg/L	+/-20	7.30		7.20		1	1		11/12/2025

Duplicate Sample Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3584
Project:	Edison Landfill	Sample ID:	Q3578-01
Client ID:	MH-1172025DUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
BOD5	mg/L	+/-20	469		466		1	0.64		11/07/2025

Duplicate Sample Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3584
Project:	Edison Landfill	Sample ID:	Q3578-01
Client ID:	MH-1172025MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Oil and Grease	mg/L	+/-18	115		113		1	1.23		11/13/2025

Duplicate Sample Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3584
Project:	Edison Landfill	Sample ID:	Q3584-01
Client ID:	SW-1DUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/L	+/-20	0.0030	U	0.0030	U	1	0		11/07/2025
Cyanide	mg/L	+/-20	0.0012	U	0.0012	U	1	0		11/10/2025

Duplicate Sample Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3584
Project:	Edison Landfill	Sample ID:	Q3584-01
Client ID:	SW-1MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/L	+/-20	0.93		0.93		2	0.43		11/07/2025
Cyanide	mg/L	+/-20	0.038		0.037		1	3		11/10/2025

Duplicate Sample Summary

Client: Remington & Vernick Engineers	SDG No.: Q3584
Project: Edison Landfill	Sample ID: Q3584-02
Client ID: SW-2MSD	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Fluoride	mg/L	+/-20	2.60		2.60		1	0		11/07/2025
Nitrate	mg/L	+/-20	3.40		3.40		1	0		11/07/2025
Nitrite	mg/L	+/-20	3.10		3.10		1	0		11/07/2025
Bromide	mg/L	+/-20	35.2	OR	35.1	OR	1	0		11/07/2025
Sulfate	mg/L	+/-20	1370	OR	1370	OR	1	0		11/07/2025
Chloride	mg/L	+/-20	0.19	U	0.19	U	1	0		11/07/2025
Orthophosphate as P	mg/L	+/-20	4.90		5.20		1	6		11/07/2025

Duplicate Sample Summary

Client: Remington & Vernick Engineers Project: Edison Landfill Client ID: SW-3DUP	SDG No.: Q3584 Sample ID: Q3584-03 Percent Solids for Spike Sample: 0
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Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TDS	mg/L	+/-5	12500		13000		1	3.22		11/10/2025

Duplicate Sample Summary

Client:	Remington & Vernick Engineers	SDG No.:	Q3584
Project:	Edison Landfill	Sample ID:	Q3595-01
Client ID:	LAW-25-0176DUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
pH	pH	+/-20	7.13		7.15		1	0.28		11/10/2025

Duplicate Sample Summary

Client: Remington & Vernick Engineers	SDG No.: Q3584
Project: Edison Landfill	Sample ID: Q3630-05
Client ID: DSN003DUP	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
COD	mg/L	+/-20	23.9		22.9		1	4.27		11/14/2025

Duplicate Sample Summary

Client: Remington & Vernick Engineers	SDG No.: Q3584
Project: Edison Landfill	Sample ID: Q3630-05
Client ID: DSN003MSD	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
COD	mg/L	+/-20	68.4		67.4		1	1.47		11/14/2025

Laboratory Control Sample Summary

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

Run No.: LB137832

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137832BS							
Hexavalent Chromium	mg/L	0.5	0.52		103	1	90-111	11/07/2025

Laboratory Control Sample Summary

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

Run No.: LB137833

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137833BSW							
Bromide	mg/L	10	10.5		105	1	90-110	11/07/2025
Chloride	mg/L	3	3.20		107	1	90-110	11/07/2025
Fluoride	mg/L	2	2.10		105	1	90-110	11/07/2025
Nitrite	mg/L	3	3.10		103	1	90-110	11/07/2025
Nitrate	mg/L	2.5	2.60		104	1	90-110	11/07/2025
Sulfate	mg/L	15	15.6		104	1	90-110	11/07/2025
Orthophosphate as P	mg/L	5	5.40		108	1	90-110	11/07/2025

Laboratory Control Sample Summary

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

Run No.: LB137845

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137845BS							
TDS	mg/L	100	94.0		94	1	90-110	11/10/2025

Laboratory Control Sample Summary

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

Run No.: LB137871

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137871BS							
BOD5	mg/L	198	178		90	1	84.6-115.4	11/07/2025

Laboratory Control Sample Summary

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

Run No.: LB137877

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137877BS							
Oil and Grease	mg/L	20.0	18.2		91	1	78-114	11/13/2025

Laboratory Control Sample Summary

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

Run No.: LB137904

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137904BS							
COD	mg/L	50	53.2		106	1	90-110	11/14/2025

Laboratory Control Sample Summary

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

Run No.: LB137837

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170465BS							
Cyanide	mg/L	0.1	0.097		97	1	85-115	11/10/2025

Laboratory Control Sample Summary

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

Run No.: LB137870

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170510BS							
TKN	mg/L	5	5.10		102	1	90-110	11/12/2025

Laboratory Control Sample Summary

Client: Remington & Vernick Engineers

SDG No.: Q3584

Project: Edison Landfill

Run No.: LB137901

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170563BS							
Cyanide	mg/L	0.1	0.096		96	1	85-115	11/14/2025



RAW DATA

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137832

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP115550
Calibration Std. hexchrome 0.05 ppm	WP115549
calibration std. hexchrome 0.01 ppm	WP115547
calibration std. hexchrome 0 ppm	WP115546
hexavalent chromium color reagent	WP115554
5N sulfuric acid	WP115340
Calibration Std Hexachrome 0.025 ppm	WP115548
Hexavalent Chromium ICV-LCS Std	WP115553
Calibration and CCV std HexChrome 0.5PPM	WP115551
Calibration std HexChrome 1.0PPM	WP115552

Intercept: -0.0003

Slope: 0.784

Regression: 0.999998

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		1.90	0.000	0.000	0.000	0.000		11/07/2025	19:30
2	CAL2	0.01	1	100	100		1.96	0.000	0.007	0.007	0.009	-10	11/07/2025	19:30
3	CAL3	0.025	1	100	100		1.84	0.000	0.019	0.019	0.024	-4	11/07/2025	19:31
4	CAL4	0.05	1	100	100		1.98	0.000	0.039	0.039	0.050	0	11/07/2025	19:31
5	CAL5	0.1	1	100	100		1.94	0.000	0.079	0.079	0.101	1	11/07/2025	19:32
6	CAL6	0.5	1	100	100		1.95	0.000	0.391	0.391	0.499	-0.2	11/07/2025	19:32
7	CAL7	1	1	100	100		1.97	0.000	0.784	0.784	1.000	0	11/07/2025	19:33

Analytical Summary Report

Analysis Method: 7196A

ANALYST:rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY:Iwona

Run Number: LB137832

pH Meter ID:WC pH Meter-1

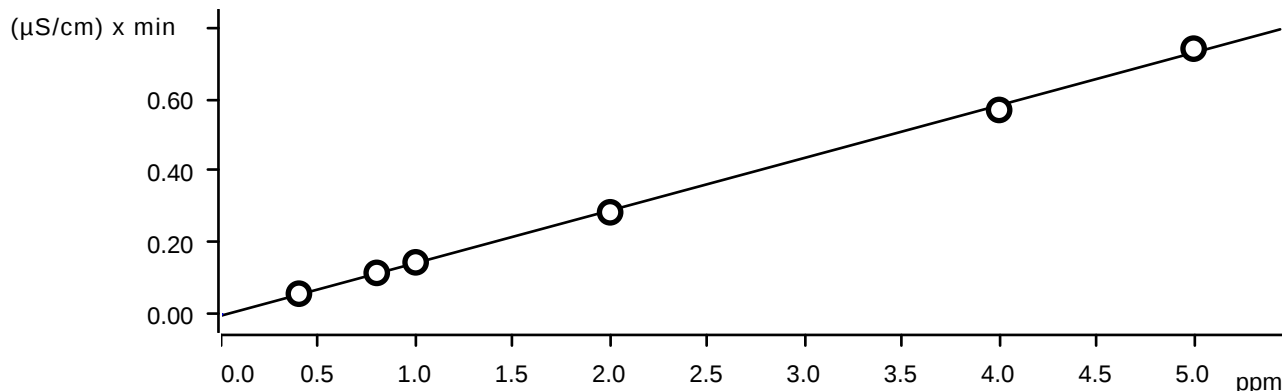
Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.08	0.000	0.394	0.394	0.503	11/07/2025	19:33
2	ICB		1	100	100		2.00	0.000	0.001	0.001	0.002	11/07/2025	19:34
3	CCV1	0.5	1	100	100		2.03	0.000	0.393	0.393	0.502	11/07/2025	19:34
4	CCB1		1	100	100		1.96	0.000	0.000	0.000	0.000	11/07/2025	19:35
5	RL Check	0.01	1	100	100		1.92	0.000	0.008	0.008	0.011	11/07/2025	19:35
6	LB137832BL		1	100	100		1.88	0.000	0.001	0.001	0.002	11/07/2025	19:36
7	LB137832BS	0.5	1	100	100		1.96	0.000	0.404	0.404	0.516	11/07/2025	19:36
8	Q3584-01		1	100	100		1.97	0.000	0.000	0.000	0.000	11/07/2025	19:37
9	Q3584-01DU		1	100	100		2.02	0.000	0.000	0.000	0.000	11/07/2025	19:37
10	Q3584-01MS	1	2	100	100		2.05	0.000	0.364	0.364	0.465	11/07/2025	19:38
11	Q3584-01MS	1	2	100	100		2.00	0.000	0.366	0.366	0.467	11/07/2025	19:38
12	Q3584-02		1	100	100		2.10	0.000	0.000	0.000	0.000	11/07/2025	19:39
13	Q3584-03		1	100	100		2.06	0.000	0.000	0.000	0.000	11/07/2025	19:39
14	Q3584-04		1	100	100		1.92	0.000	0.000	0.000	0.000	11/07/2025	19:40
15	Q3584-05		1	100	100		1.99	0.000	0.000	0.000	0.000	11/07/2025	19:40
16	CCV2	0.5	1	100	100		1.99	0.000	0.390	0.390	0.498	11/07/2025	19:41
17	CCB2		1	100	100		1.81	0.000	0.000	0.000	0.000	11/07/2025	19:41
18	Q3584-07		1	100	100		2.16	0.000	0.000	0.000	0.000	11/07/2025	19:42
19	CCV3	0.5	1	100	100		2.06	0.000	0.392	0.392	0.500	11/07/2025	19:42
20	CCB3		1	100	100		2.01	0.000	0.001	0.001	0.002	11/07/2025	19:43

Ident	Con F-	Con CL-	Con NO2	Con BR-	Con NO3	Con HPO4	Con SO4	Method name	date time	Initial wt	Analyst
STD1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/3/2025 15:58	10	RM/IZ
STD2	0.417	0.655	0.659	2.182	0.549	0.953	3.345	IC1-110325	11/3/2025 16:22	10	RM/IZ
STD3	0.813	1.228	1.228	4.086	1.024	2.097	6.147	IC1-110325	11/3/2025 17:04	10	RM/IZ
STD4	1.014	1.491	1.496	4.984	1.245	2.506	7.444	IC1-110325	11/3/2025 17:47	10	RM/IZ
STD5	1.966	2.918	2.907	9.724	2.426	5.166	14.580	IC1-110325	11/3/2025 18:08	10	RM/IZ
STD6	3.912	5.914	5.907	19.694	4.918	9.286	29.234	IC1-110325	11/3/2025 18:30	10	RM/IZ
STD7	5.078	7.595	7.603	25.330	6.339	12.992	37.751	IC1-110325	11/3/2025 18:51	10	RM/IZ
ICV	1.960	2.885	2.908	9.698	2.364	5.176	14.547	IC1-110325	11/3/2025 19:13	10	RM/IZ
ICB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/3/2025 19:34	10	RM/IZ
CCV	2.065	3.087	3.067	10.263	2.555	5.276	15.199	IC1-110325	11/7/2025 15:28	10	RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/7/2025 15:49	10	RM/IZ
LB137833BLW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/7/2025 16:11	10	RM/IZ
LB137833BSW	2.112	3.165	3.137	10.502	2.600	5.384	15.556	IC1-110325	11/7/2025 16:32	10	RM/IZ
Q3584-01	0.152	1077.391	0.121	2.438	1.775	0.170	124.189	IC1-110325	11/7/2025 18:18	10	RM/IZ
Q3584-02	0.683	0.000	0.141	25.747	1.006	0.000	1423.211	IC1-110325	11/7/2025 18:40	10	RM/IZ
Q3584-02MS	2.588	0.000	3.097	35.208	3.429	4.912	1371.355	IC1-110325	11/7/2025 19:01	10	RM/IZ
Q3584-02MSD	2.607	0.000	3.063	35.078	3.394	5.224	1371.388	IC1-110325	11/7/2025 19:23	10	RM/IZ
Q3584-03	0.523	0.000	0.138	21.566	1.113	0.077	1191.101	IC1-110325	11/7/2025 19:45	10	RM/IZ
Q3584-04	0.000	0.144	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/7/2025 20:06	10	RM/IZ
Q3584-07	0.373	402.831	0.599	1.671	4.356	0.000	3.028	IC1-110325	11/7/2025 20:28	10	RM/IZ
CCV	1.969	3.005	2.989	10.059	2.486	4.852	14.791	IC1-110325	11/7/2025 20:49	10	RM/IZ
CCB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	IC1-110325	11/7/2025 21:11	10	RM/IZ

Clear table

Instrument ID: IC-2 Analyst : IZ Method: 300.0 / 9056A											
ident	concentra tion F-	concentratio n CL-	concentrati on NO2	concentrati on BR-	concentrati on NO3	concentrati on HPO4	concentrati on SO4	file name	date time	Initial wt/ Final	Analyst
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	IC1-110325	11/3/2025 15:58	10	RM/IZ
STD2	0.4170	0.6550	0.6590	2.1820	0.5490	0.9530	3.3450	IC1-110325	11/3/2025 16:22	10	RM/IZ
STD3	0.8130	1.2280	1.2280	4.0860	1.0240	2.0970	6.1470	IC1-110325	11/3/2025 17:04	10	RM/IZ
STD4	1.0140	1.4910	1.4960	4.9840	1.2450	2.5060	7.4440	IC1-110325	11/3/2025 17:47	10	RM/IZ
STD5	1.9660	2.9180	2.9070	9.7240	2.4260	5.1660	14.5800	IC1-110325	11/3/2025 18:08	10	RM/IZ
STD6	3.9120	5.9140	5.9070	19.6940	4.9180	9.2860	29.2340	IC1-110325	11/3/2025 18:30	10	RM/IZ
STD7	5.0780	7.5950	7.6030	25.3300	6.3390	12.9920	37.7510	IC1-110325	11/3/2025 18:51	10	RM/IZ
ident	True Value F-	True Value CL-	True Value NO2	True Value BR-	True Value NO3	True Value HPO4	True Value SO4				
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000				
STD2	0.4000	0.6000	0.6000	2.0000	0.5000	1.0000	3.0000				
STD3	0.8000	1.2000	1.2000	4.0000	1.0000	2.0000	6.0000				
STD4	1.0000	1.5000	1.5000	5.0000	1.2500	2.5000	7.5000				
STD5	2.0000	3.0000	3.0000	10.0000	2.5000	5.0000	15.0000				
STD6	4.0000	6.0000	6.0000	20.0000	5.0000	10.0000	30.0000				
STD7	5.0000	7.5000	7.5000	25.0000	6.2500	12.5000	37.0000				
ident	Relative Error F-	Relative Error CL-	Relative Error NO2	Relative Error BR-	Relative Error NO3	Relative Error HPO4	Relative Error SO4				
STD1	4.2500	9.1667	9.8333	9.1000	9.8000	-4.7000	11.5000				
STD2	1.6250	2.3333	2.3333	2.1500	2.4000	4.8500	2.4500				
STD3	1.4000	-0.6000	-0.2667	-0.3200	-0.4000	0.2400	-0.7467				
STD4	-1.7000	-2.7333	-3.1000	-2.7600	-2.9600	3.3200	-2.8000				
STD5	-2.2000	-1.4333	-1.5500	-1.5300	-1.6400	-7.1400	-2.5533				
STD6	1.5600	1.2667	1.3733	1.3200	1.4240	3.9360	2.0297				

Fluoride (Anions)



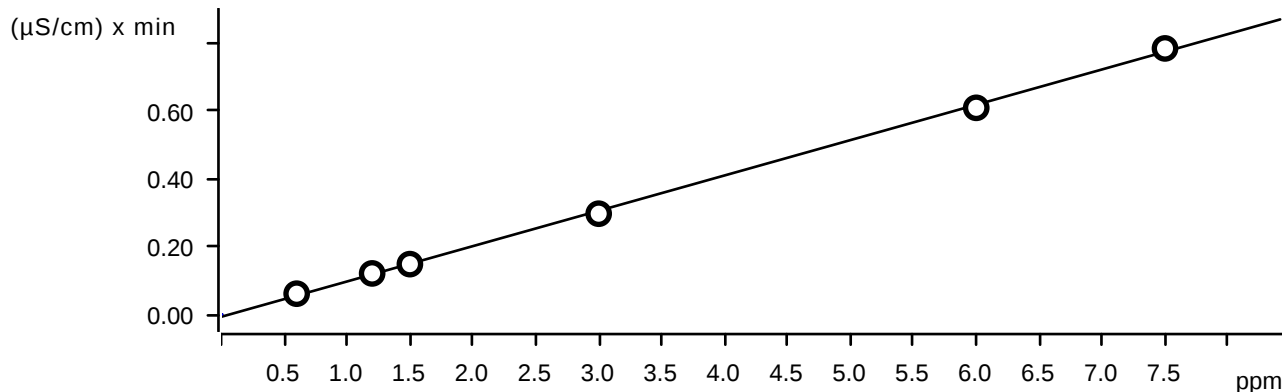
Function: $A = -3.63197E-3 + 0.0146595 \times Q$

Relative standard deviation 2.880512 %

Correlation coefficient 0.999558

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	0.400	10.0	1.0	1.0	0.058	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	0.800	10.0	1.0	1.0	0.116	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	1.000	10.0	1.0	1.0	0.145	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	2.000	10.0	1.0	1.0	0.285	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	4.000	10.0	1.0	1.0	0.570	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	5.000	10.0	1.0	1.0	0.741	STD7	2025-11-03 18:51:52 UTC-5	used

Chloride (Anions)

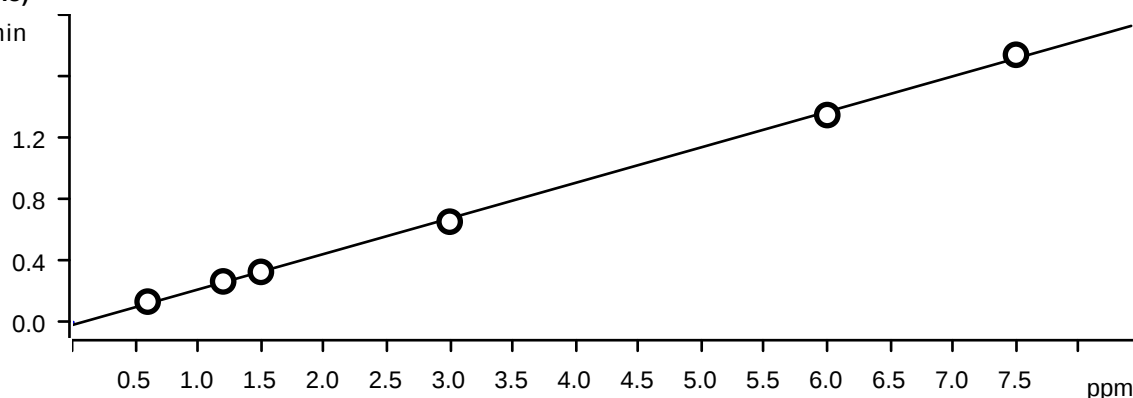


Function: $A = -7.14286E-3 + 0.0104011 \times Q$

Relative standard deviation 2.544562 %

Correlation coefficient 0.999662

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	0.600	10.0	1.0	1.0	0.061	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	1.200	10.0	1.0	1.0	0.121	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	1.500	10.0	1.0	1.0	0.148	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	3.000	10.0	1.0	1.0	0.296	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	6.000	10.0	1.0	1.0	0.608	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	7.500	10.0	1.0	1.0	0.783	STD7	2025-11-03 18:51:52 UTC-5	used

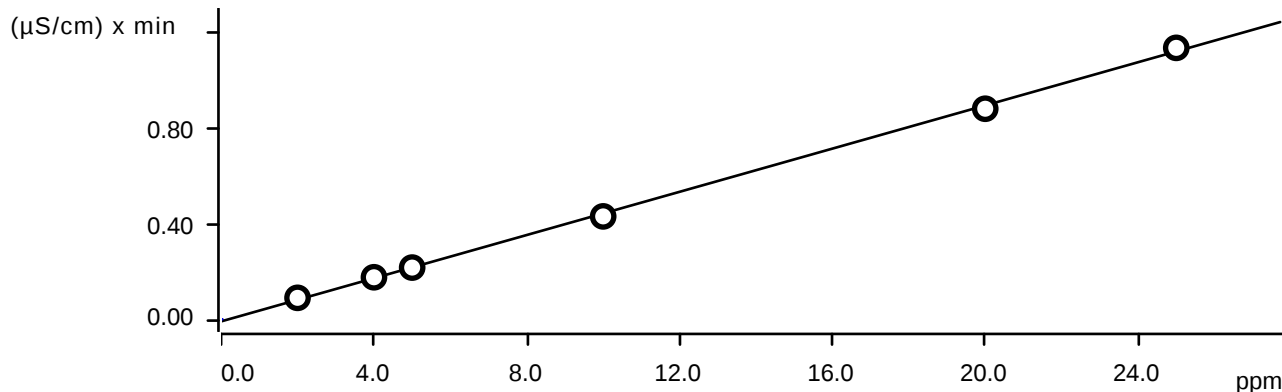
Nitrite (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0188106 + 0.0231263 \times Q$

Relative standard deviation 2.785229 %

Correlation coefficient 0.999598

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	0.600	10.0	1.0	1.0	0.134	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	1.200	10.0	1.0	1.0	0.265	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	1.500	10.0	1.0	1.0	0.327	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	3.000	10.0	1.0	1.0	0.654	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	6.000	10.0	1.0	1.0	1.347	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	7.500	10.0	1.0	1.0	1.740	STD7	2025-11-03 18:51:52 UTC-5	used

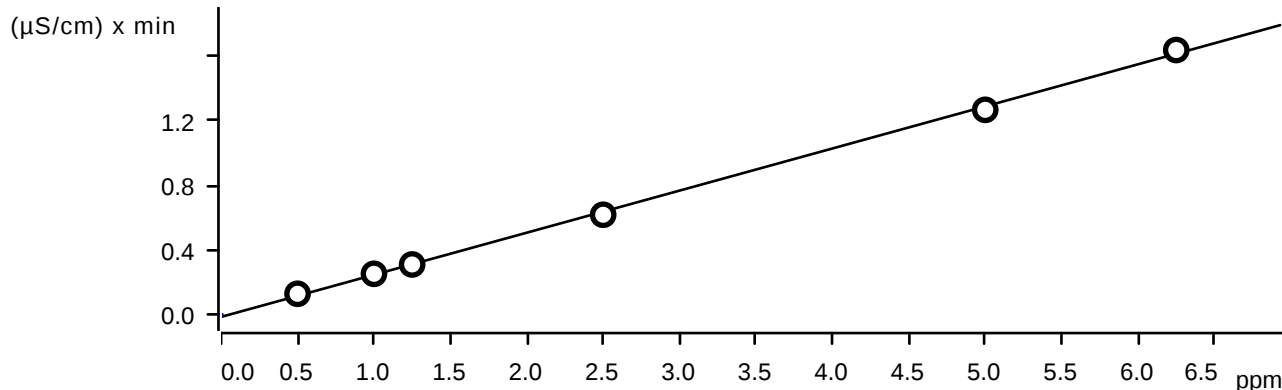
Bromide (Anions)



Function: $A = -8.73633E-3 + 4.51609E-3 \times Q$
 Relative standard deviation: 2.618377 %
 Correlation coefficient: 0.999640

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	2.000	10.0	1.0	1.0	0.090	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	4.000	10.0	1.0	1.0	0.176	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	5.000	10.0	1.0	1.0	0.216	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	10.000	10.0	1.0	1.0	0.430	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	20.000	10.0	1.0	1.0	0.881	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	25.000	10.0	1.0	1.0	1.135	STD7	2025-11-03 18:51:52 UTC-5	used

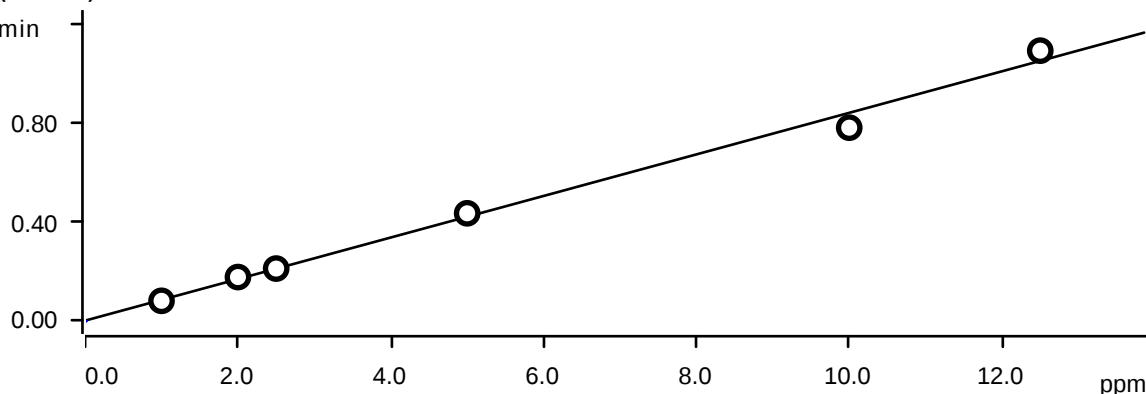
Nitrate (Anions)



Function: $A = -0.0164240 + 0.0260850 \times Q$
 Relative standard deviation: 2.824357 %

Correlation coefficient 0.999585

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	0.500	10.0	1.0	1.0	0.127	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	1.000	10.0	1.0	1.0	0.251	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	1.250	10.0	1.0	1.0	0.308	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	2.500	10.0	1.0	1.0	0.616	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	5.000	10.0	1.0	1.0	1.266	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	6.250	10.0	1.0	1.0	1.637	STD7	2025-11-03 18:51:52 UTC-5	used

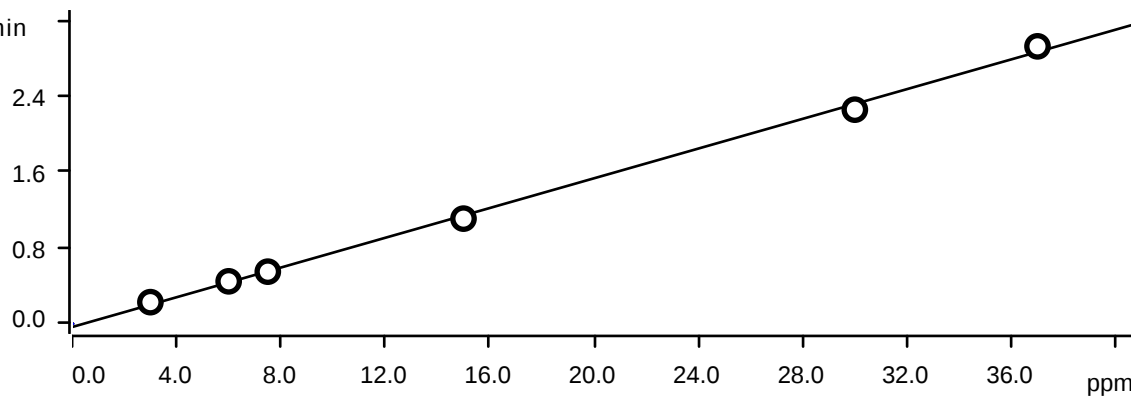
Phosphate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = 1.95294E-3 + 8.36815E-3 \times Q$

Relative standard deviation 8.053642 %

Correlation coefficient 0.996454

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	1.000	10.0	1.0	1.0	0.082	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	2.000	10.0	1.0	1.0	0.177	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	2.500	10.0	1.0	1.0	0.212	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	5.000	10.0	1.0	1.0	0.434	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	10.000	10.0	1.0	1.0	0.779	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	12.500	10.0	1.0	1.0	1.089	STD7	2025-11-03 18:51:52 UTC-5	used

Sulfate (Anions)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0341972 + 7.83080E-3 \times Q$

Relative standard deviation 3.795793 %

Correlation coefficient 0.999249

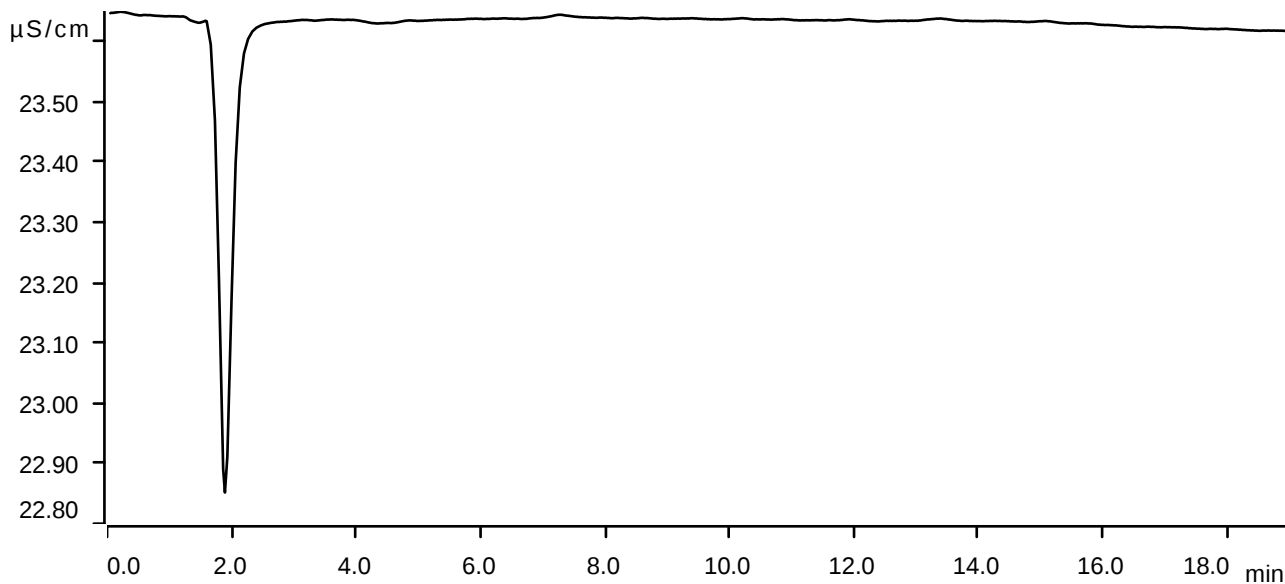
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-11-03 15:58:57 UTC-5	used
Standard 2	1	3.000	10.0	1.0	1.0	0.228	STD2	2025-11-03 16:22:03 UTC-5	used
Standard 3	1	6.000	10.0	1.0	1.0	0.447	STD3	2025-11-03 17:04:52 UTC-5	used
Standard 4	1	7.500	10.0	1.0	1.0	0.549	STD4	2025-11-03 17:47:32 UTC-5	used
Standard 5	1	15.000	10.0	1.0	1.0	1.108	STD5	2025-11-03 18:08:59 UTC-5	used
Standard 6	1	30.000	10.0	1.0	1.0	2.255	STD6	2025-11-03 18:30:25 UTC-5	used
Standard 7	1	37.000	10.0	1.0	1.0	2.922	STD7	2025-11-03 18:51:52 UTC-5	used

Sample data

Ident STD1
Sample type Standard 1
Determination start 2025-11-03 15:58:57 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.44 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

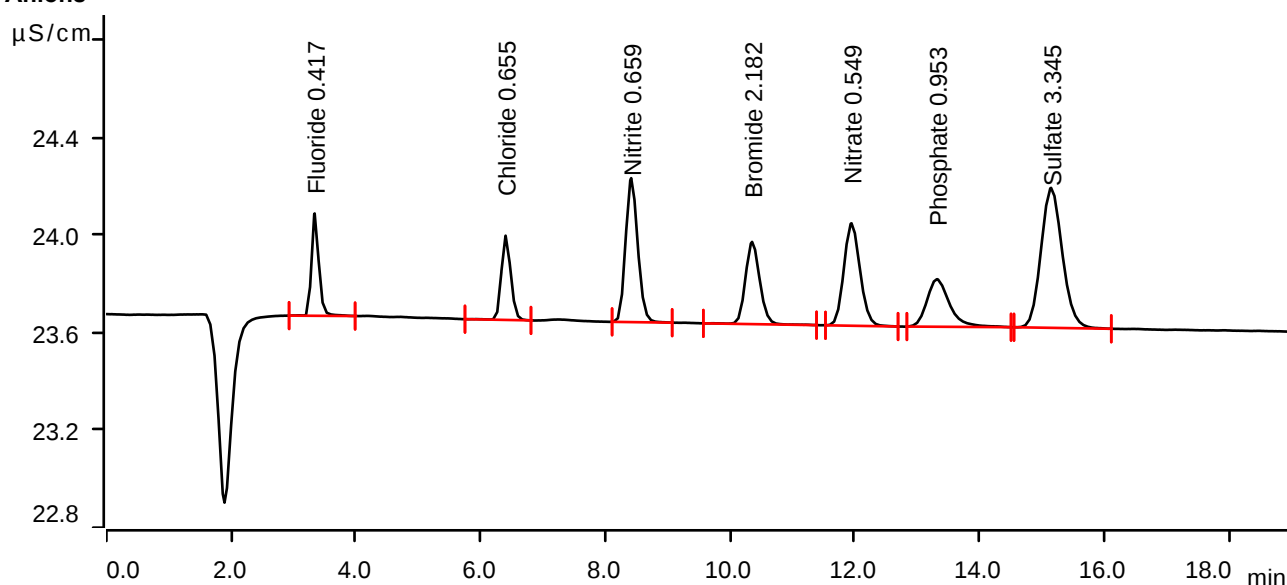
Sample data

Ident STD2
Sample type Standard 2
Determination start 2025-11-03 16:22:03 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.27 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.340	0.0576	0.420	0.417	Fluoride
2	6.402	0.0609	0.345	0.655	Chloride
3	8.415	0.1336	0.590	0.659	Nitrite
4	10.353	0.0898	0.337	2.182	Bromide
5	11.947	0.1268	0.420	0.549	Nitrate
6	13.317	0.0817	0.195	0.953	Phosphate
7	15.147	0.2277	0.574	3.345	Sulfate

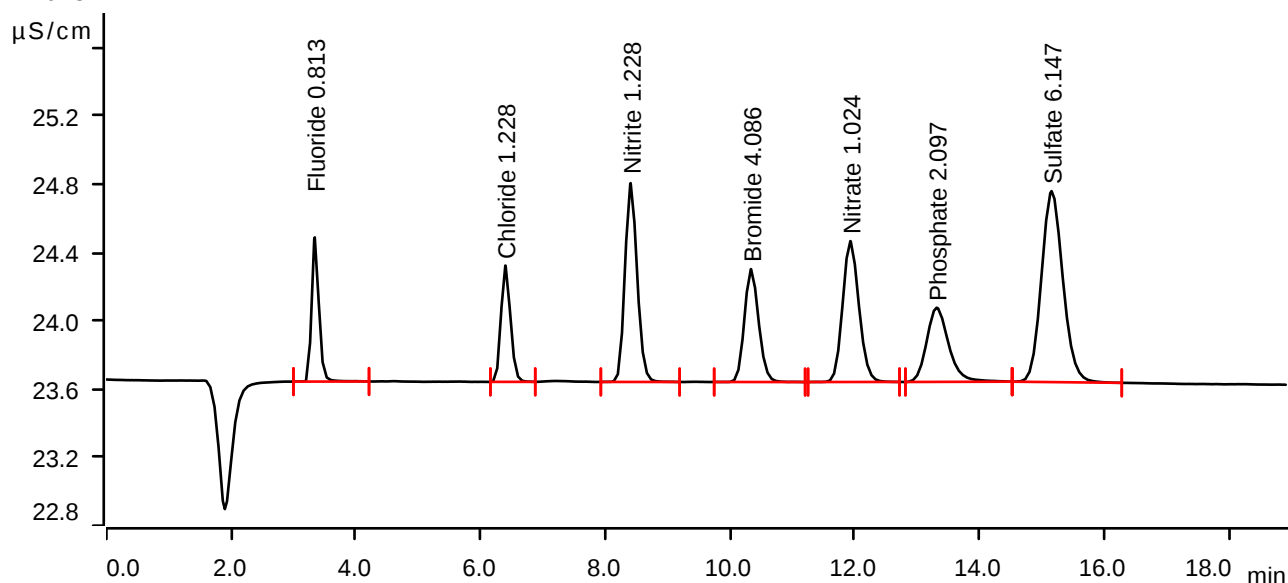
Sample data

Ident STD3
Sample type Standard 3
Determination start 2025-11-03 17:04:52 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.27 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.342	0.1156	0.844	0.813	Fluoride
2	6.397	0.1206	0.681	1.228	Chloride
3	8.407	0.2651	1.164	1.228	Nitrite
4	10.337	0.1758	0.661	4.086	Bromide
5	11.928	0.2506	0.825	1.024	Nitrate
6	13.312	0.1774	0.435	2.097	Phosphate
7	15.155	0.4471	1.119	6.147	Sulfate

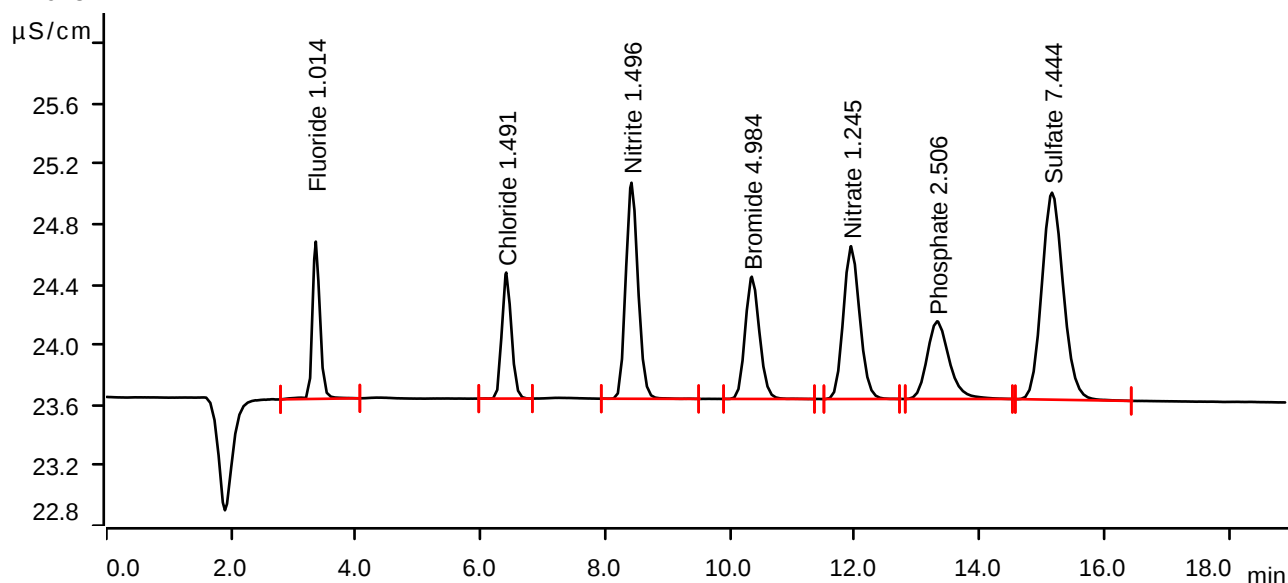
Sample data

Ident STD4
Sample type Standard 4
Determination start 2025-11-03 17:47:32 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.44 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.358	0.1450	1.044	1.014	Fluoride
2	6.412	0.1479	0.837	1.491	Chloride
3	8.420	0.3271	1.434	1.496	Nitrite
4	10.348	0.2164	0.811	4.984	Bromide
5	11.940	0.3084	1.014	1.245	Nitrate
6	13.320	0.2117	0.516	2.506	Phosphate
7	15.162	0.5487	1.374	7.444	Sulfate

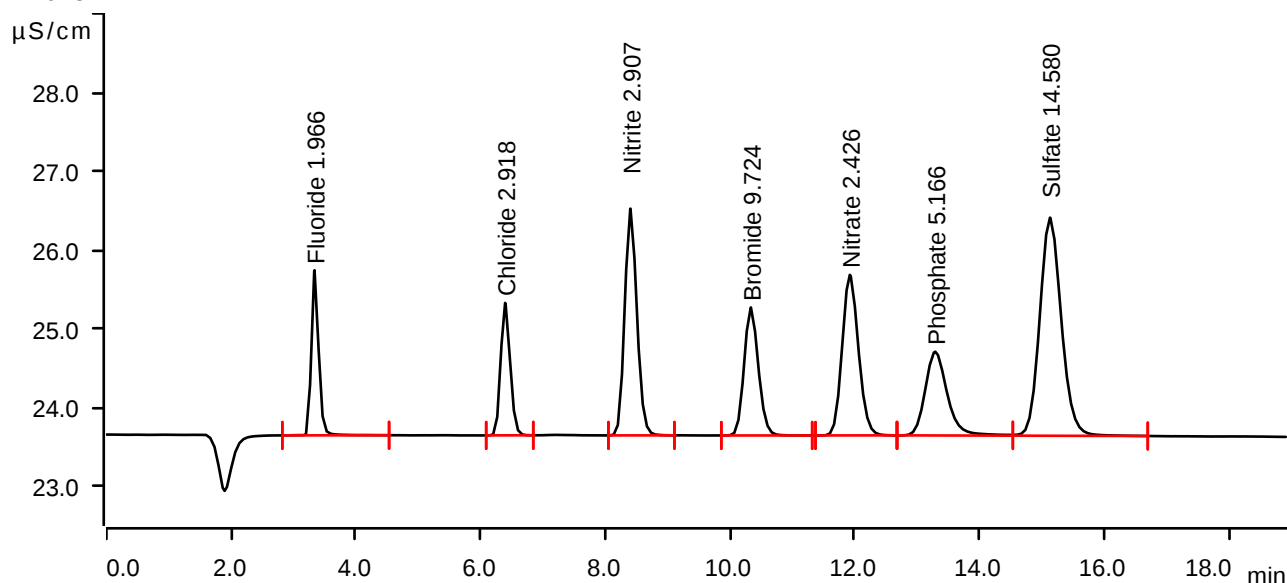
Sample data

Ident STD5
Sample type Standard 5
Determination start 2025-11-03 18:08:59 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.44 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.338	0.2845	2.095	1.966	Fluoride
2	6.393	0.2963	1.681	2.918	Chloride
3	8.403	0.6535	2.878	2.907	Nitrite
4	10.332	0.4304	1.624	9.724	Bromide
5	11.920	0.6163	2.038	2.426	Nitrate
6	13.290	0.4342	1.063	5.166	Phosphate
7	15.128	1.1075	2.767	14.580	Sulfate

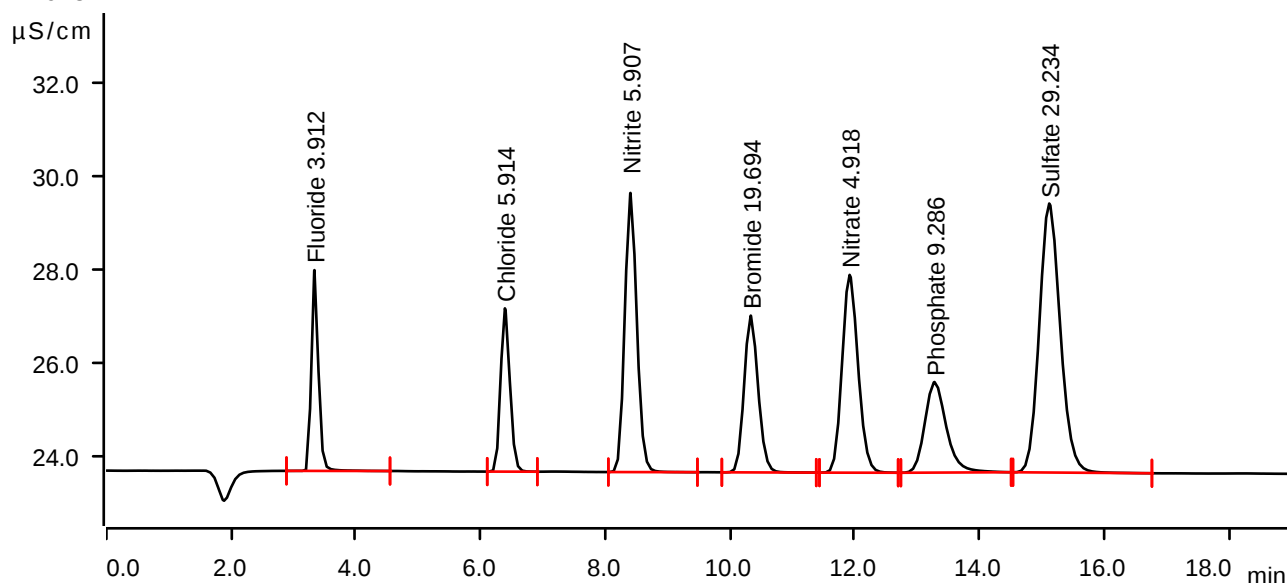
Sample data

Ident STD6
Sample type Standard 6
Determination start 2025-11-03 18:30:25 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.50 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.337	0.5698	4.312	3.912	Fluoride
2	6.390	0.6080	3.506	5.914	Chloride
3	8.403	1.3473	5.995	5.907	Nitrite
4	10.330	0.8806	3.367	19.694	Bromide
5	11.917	1.2665	4.248	4.918	Nitrate
6	13.278	0.7790	1.945	9.286	Phosphate
7	15.117	2.2550	5.777	29.234	Sulfate

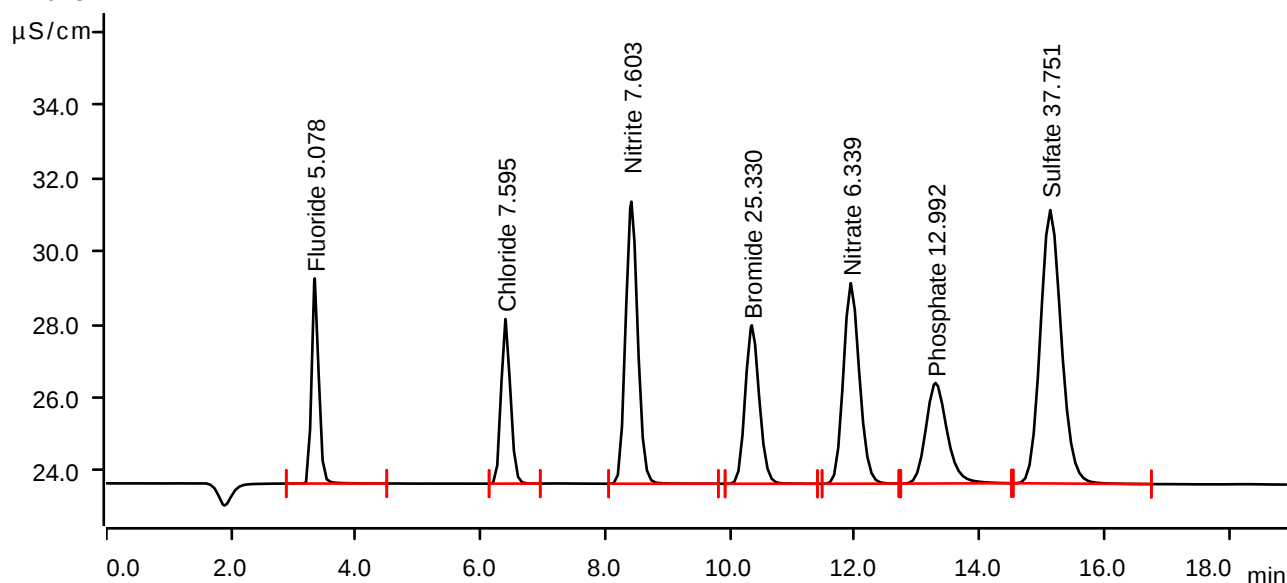
Sample data

Ident STD7
Sample type Standard 7
Determination start 2025-11-03 18:51:52 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.50 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.342	0.7408	5.606	5.078	Fluoride
2	6.398	0.7828	4.499	7.595	Chloride
3	8.418	1.7395	7.709	7.603	Nitrite
4	10.348	1.1352	4.330	25.330	Bromide
5	11.937	1.6370	5.482	6.339	Nitrate
6	13.295	1.0891	2.746	12.992	Phosphate
7	15.133	2.9220	7.473	37.751	Sulfate

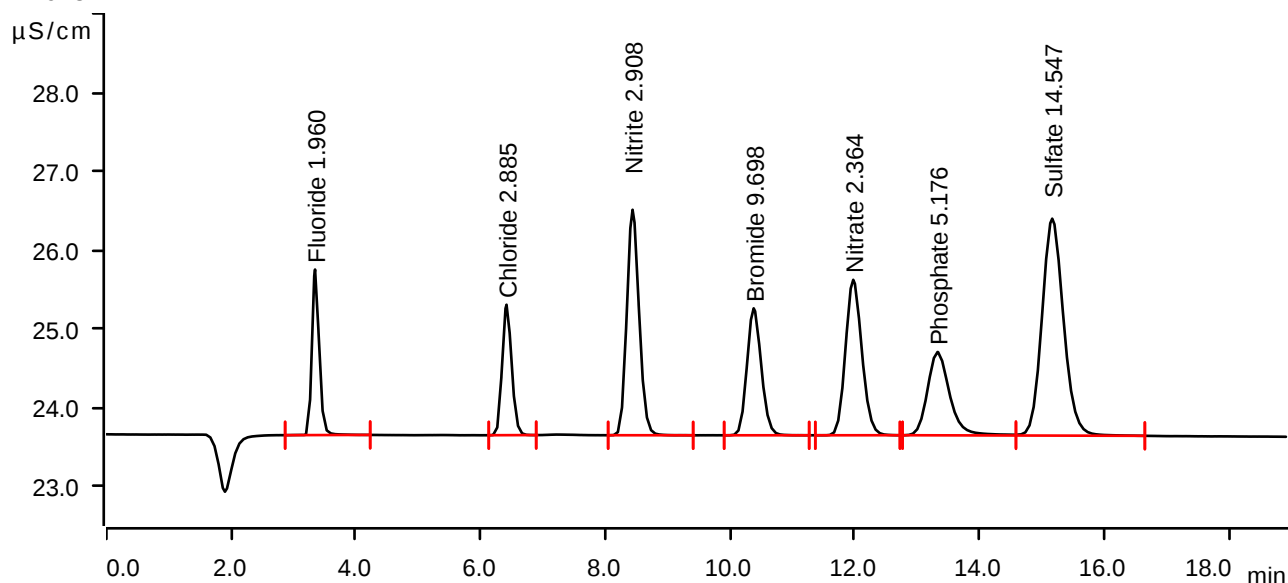
Sample data

Ident ICV
Sample type Check standard 1
Determination start 2025-11-03 19:13:20 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.39 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



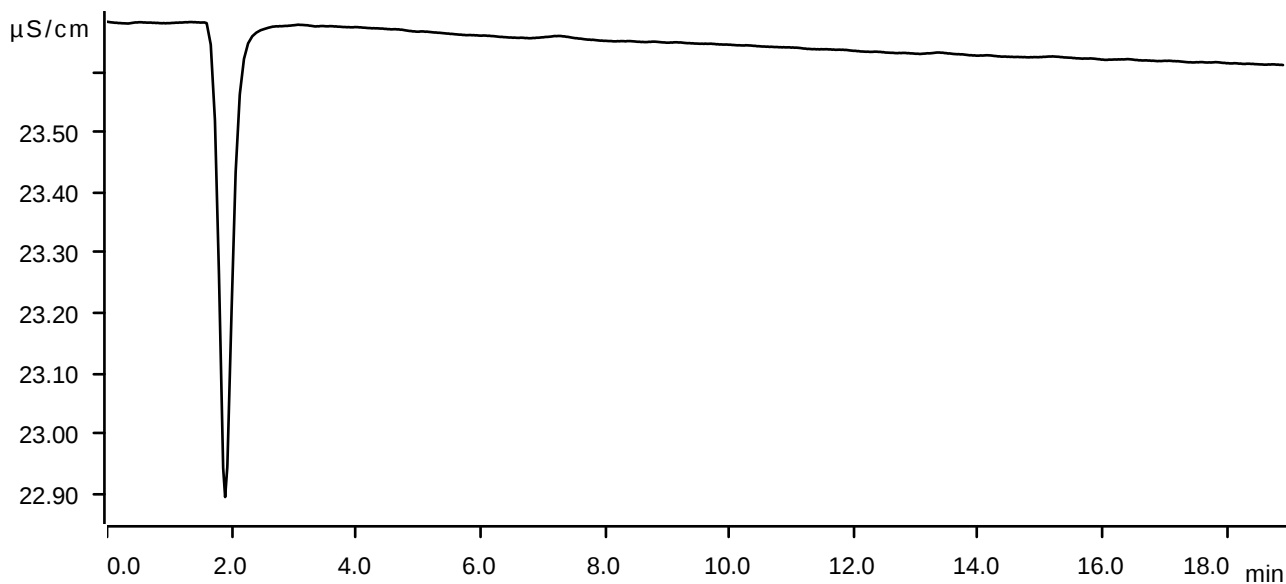
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.347	0.2837	2.100	1.960	Fluoride
2	6.417	0.2929	1.656	2.885	Chloride
3	8.437	0.6536	2.862	2.908	Nitrite
4	10.378	0.4292	1.611	9.698	Bromide
5	11.975	0.6003	1.973	2.364	Nitrate
6	13.327	0.4351	1.058	5.176	Phosphate
7	15.165	1.1050	2.753	14.547	Sulfate

Sample data

Ident ICB
Sample type Sample
Determination start 2025-11-03 19:34:48 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.39 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

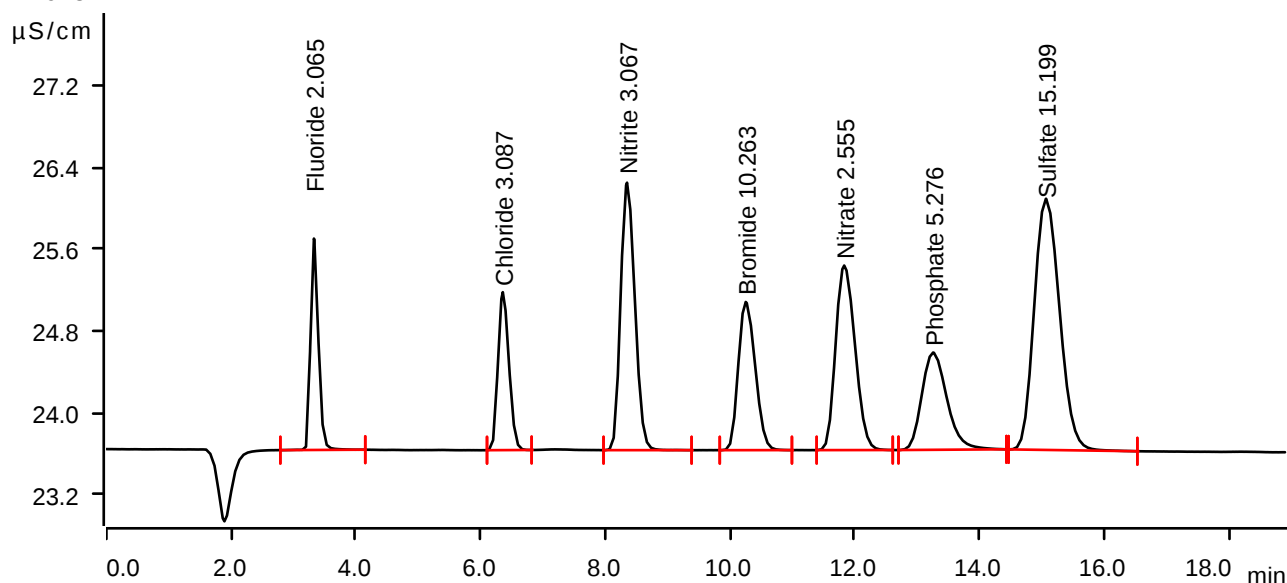
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-11-07 15:28:22 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.16 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.328	0.2990	2.064	2.065	Fluoride
2	6.357	0.3140	1.542	3.087	Chloride
3	8.348	0.6906	2.611	3.067	Nitrite
4	10.252	0.4548	1.447	10.263	Bromide
5	11.830	0.6502	1.802	2.555	Nitrate
6	13.255	0.4435	0.950	5.276	Phosphate
7	15.063	1.1560	2.452	15.199	Sulfate

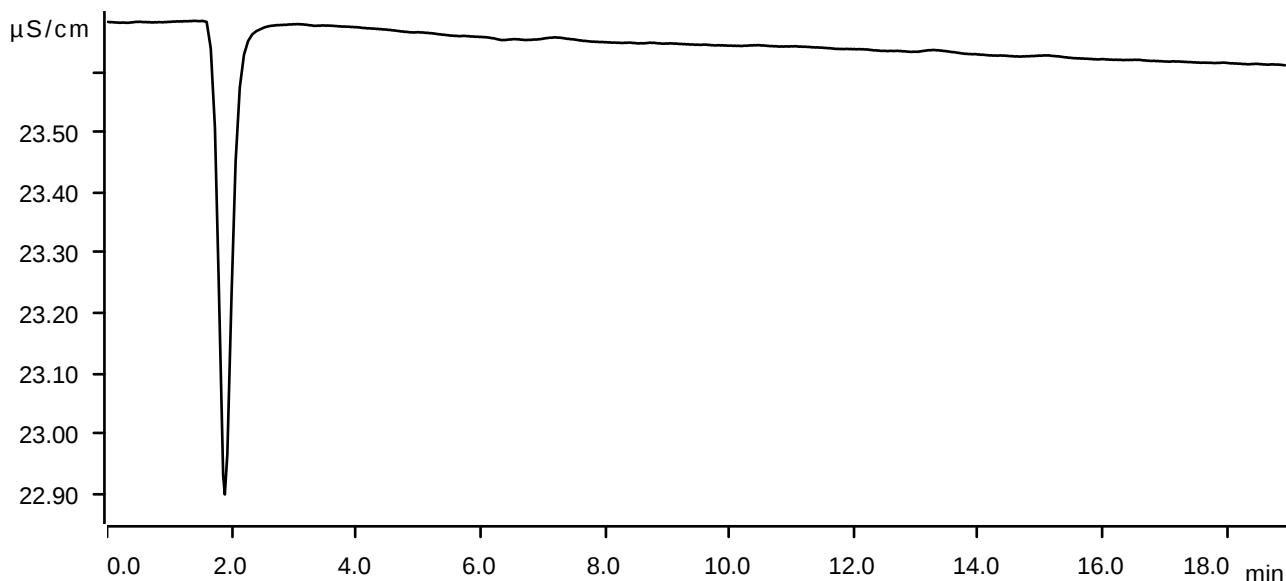
Sample data

Ident CCB
Sample type Sample
Determination start 2025-11-07 15:49:52 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.16 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



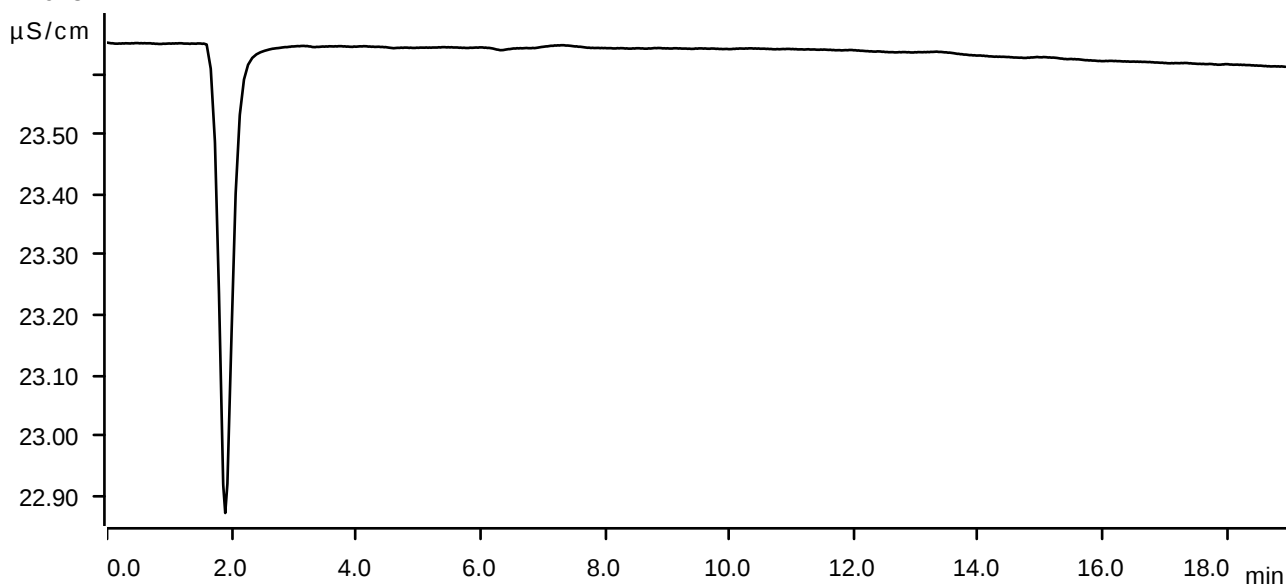
Sample data

Ident LB137833BLW
Sample type Sample
Determination start 2025-11-07 16:11:22 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.11 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



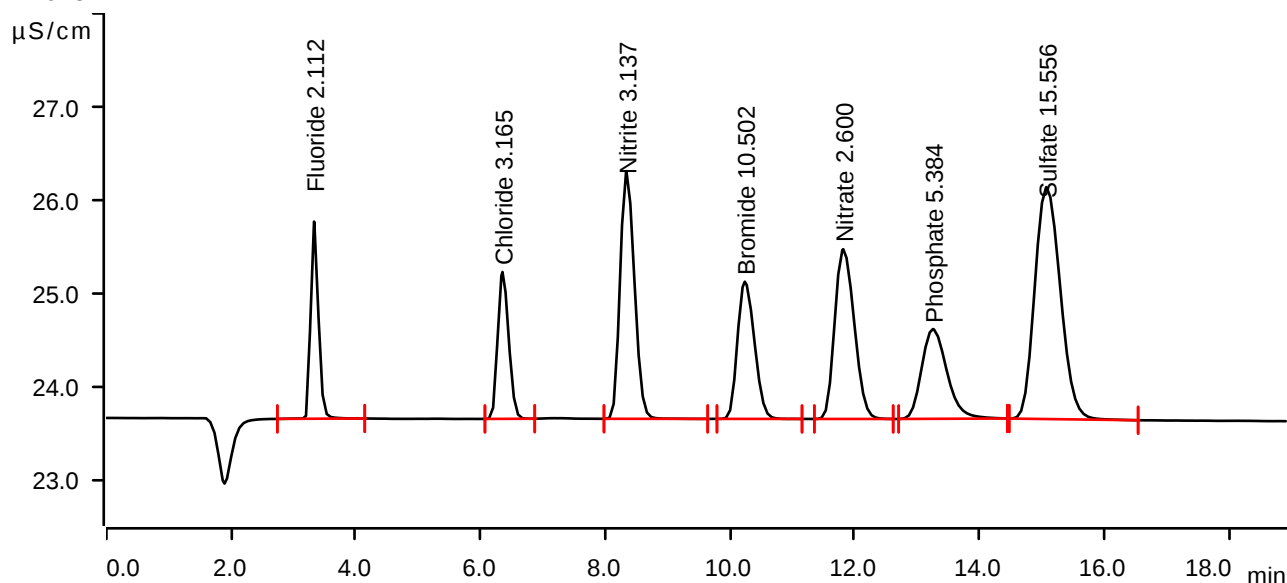
Sample data

Ident LB137833BSW
Sample type Check standard 1
Determination start 2025-11-07 16:32:54 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.11 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.330	0.3059	2.117	2.112	Fluoride
2	6.352	0.3220	1.577	3.165	Chloride
3	8.338	0.7067	2.660	3.137	Nitrite
4	10.237	0.4655	1.473	10.502	Bromide
5	11.815	0.6619	1.823	2.600	Nitrate
6	13.252	0.4525	0.964	5.384	Phosphate
7	15.073	1.1840	2.490	15.556	Sulfate

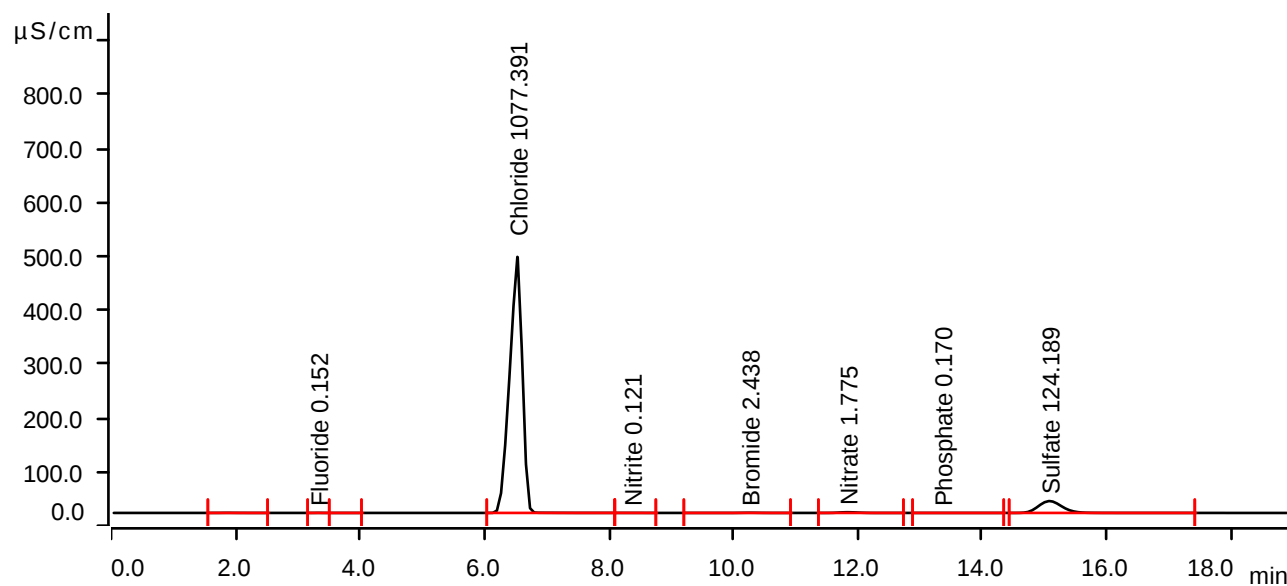
Sample data

Ident Q3584-01
Sample type Sample
Determination start 2025-11-07 18:18:44 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.16 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	1.867	0.0548	0.214	invalid	
2	3.328	0.0186	0.129	0.152	Fluoride
3	3.595	0.0046	0.022	invalid	
4	6.530	112.0530	474.854	1077.391	Chloride
5	8.367	0.0091	0.036	0.121	Nitrite
6	10.258	0.1014	0.331	2.438	Bromide
7	11.837	0.4466	1.286	1.775	Nitrate
8	13.353	0.0162	0.030	0.170	Phosphate
9	15.082	9.6908	22.003	124.189	Sulfate

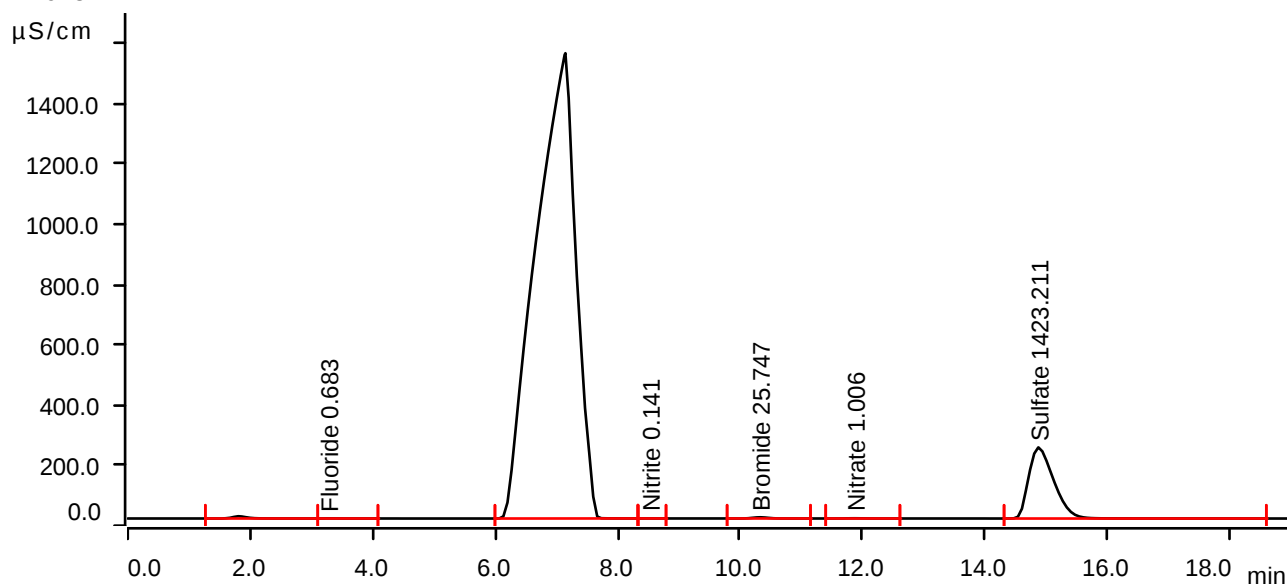
Sample data

Ident Q3584-02
Sample type Sample
Determination start 2025-11-07 18:40:17 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.05 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	1.813	2.1513	7.452	invalid	
2	3.273	0.0965	0.425	0.683	Fluoride
3	7.147	1169.0294	1544.207	invalid	
4	8.498	0.0138	0.057	0.141	Nitrite
5	10.323	1.1540	3.926	25.747	Bromide
6	11.873	0.2460	0.726	1.006	Nitrate
7	14.870	111.4146	236.004	1423.211	Sulfate

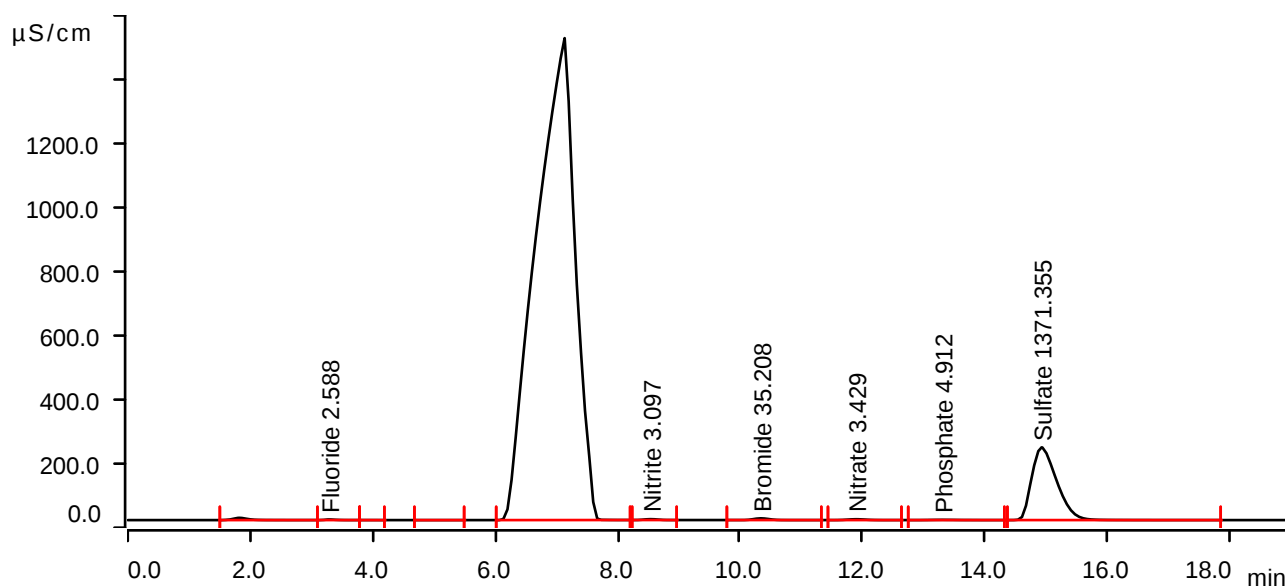
Sample data

Ident Q3584-02MS
 Sample type Sample
 Determination start 2025-11-07 19:01:51 UTC-5
 Method IC1-110325
 Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
 Channel Conductivity
 Recording time 19.0 min
 Integration Automatically
 Column type Metrosep A Supp 19 - 150/4.0
 Eluent composition not defined
 Flow 0.700 mL/min
 Maximum flow monitored yes
 Pressure 12.05 MPa
 Maximum pressure monitored yes
 Temperature ---- °C

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	1.825	2.0352	7.092	invalid	
2	3.290	0.3757	1.963	2.588	Fluoride
3	3.947	0.0034	0.016	invalid	
4	5.002	0.0067	0.015	invalid	
5	7.135	1112.8721	1505.352	invalid	
6	8.538	0.6973	2.675	3.097	Nitrite
7	10.342	1.5813	5.354	35.208	Bromide
8	11.895	0.8780	2.582	3.429	Nitrate
9	13.302	0.4130	0.826	4.912	Phosphate
10	14.922	107.3539	227.266	1371.355	Sulfate

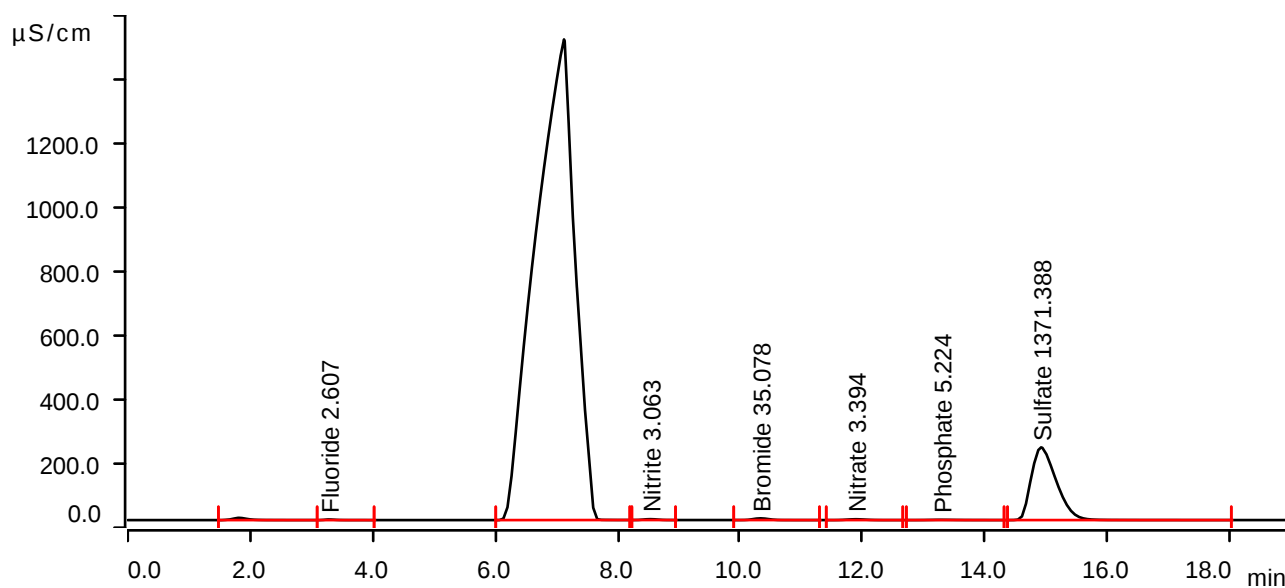
Sample data

Ident Q3584-02MSD
Sample type Sample
Determination start 2025-11-07 19:23:26 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.11 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	1.818	2.0410	7.093	invalid	
2	3.283	0.3785	1.956	2.607	Fluoride
3	7.123	1113.1684	1501.416	invalid	
4	8.533	0.6895	2.662	3.063	Nitrite
5	10.333	1.5754	5.351	35.078	Bromide
6	11.888	0.8688	2.557	3.394	Nitrate
7	13.285	0.4391	0.884	5.224	Phosphate
8	14.913	107.3565	227.137	1371.388	Sulfate

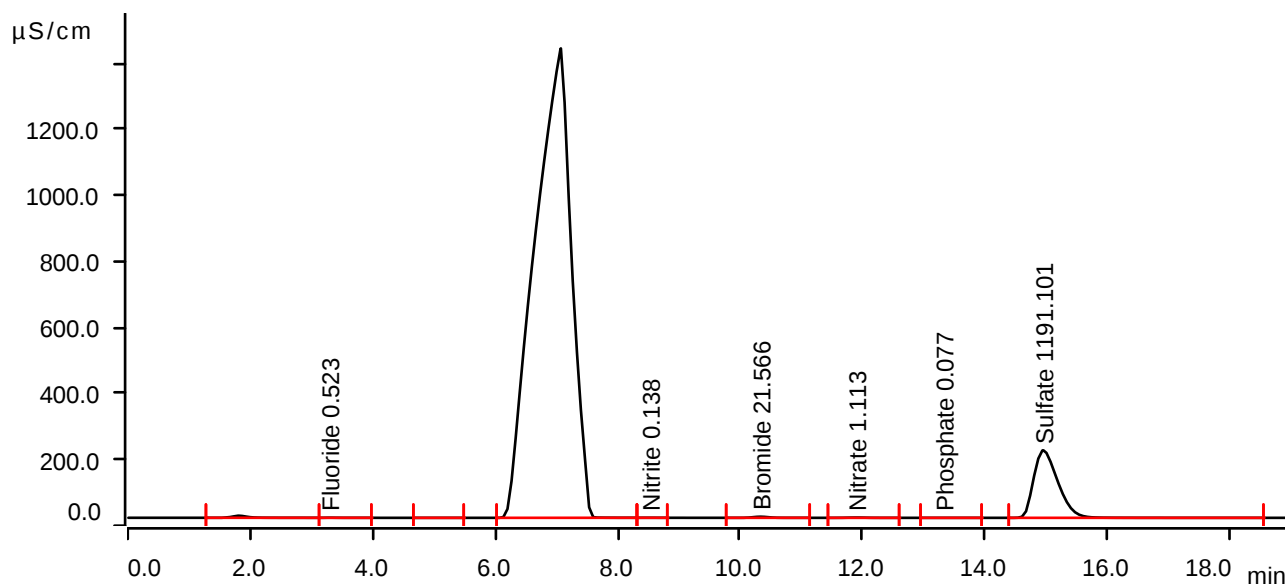
Sample data

Ident Q3584-03
Sample type Sample
Determination start 2025-11-07 19:45:02 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.05 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	1.817	1.8513	6.345	invalid	
2	3.290	0.0730	0.362	0.523	Fluoride
3	4.905	0.0069	0.018	invalid	
4	7.073	986.6310	1420.359	invalid	
5	8.490	0.0130	0.055	0.138	Nitrite
6	10.332	0.9652	3.295	21.566	Bromide
7	11.890	0.2739	0.810	1.113	Nitrate
8	13.317	0.0084	0.017	0.077	Phosphate
9	14.948	93.2386	204.702	1191.101	Sulfate

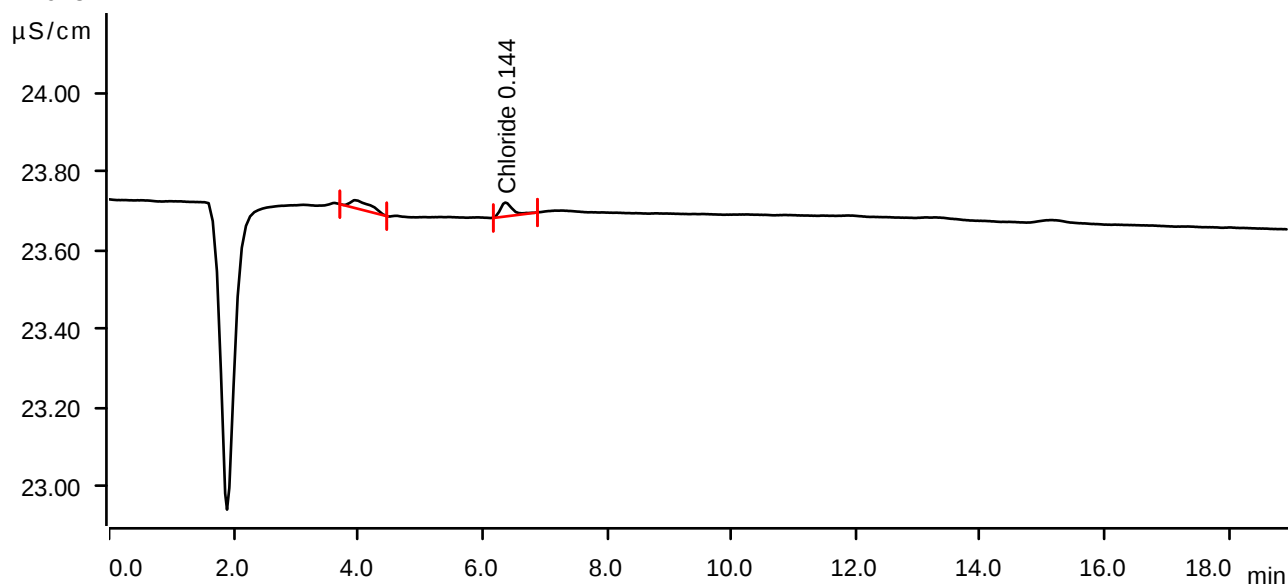
Sample data

Ident Q3584-04
Sample type Sample
Determination start 2025-11-07 20:06:37 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.05 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.952	0.0085	0.020	invalid	
2	6.368	0.0079	0.035	0.144	Chloride

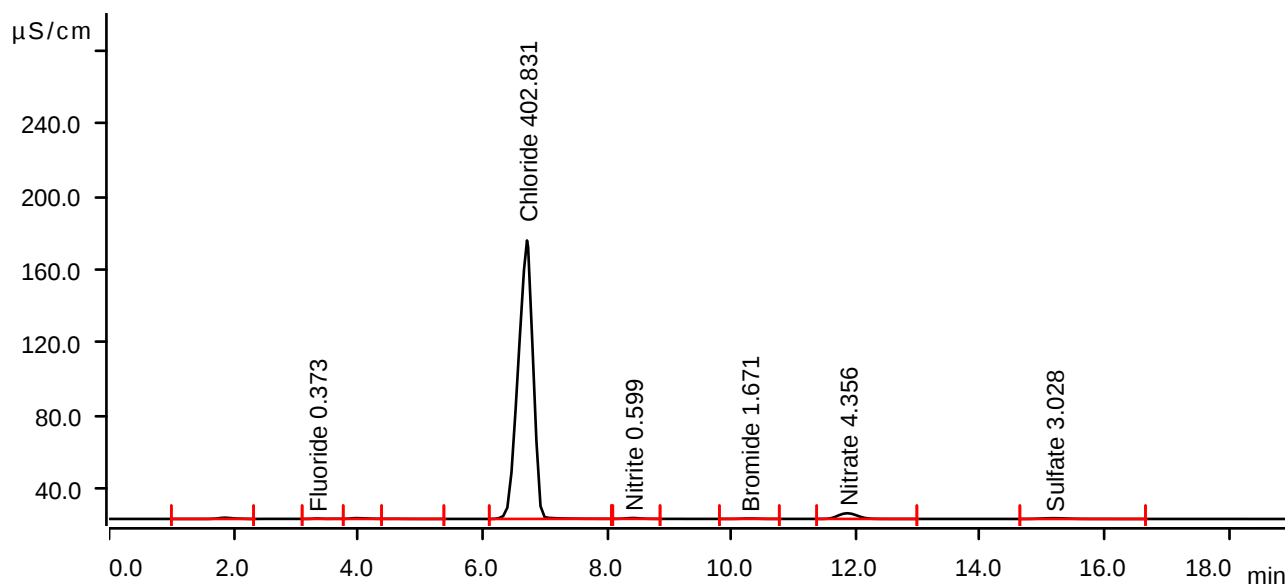
Sample data

Ident Q3584-07
Sample type Sample
Determination start 2025-11-07 20:28:10 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 11.99 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	1.860	0.1907	0.680	invalid	
2	3.340	0.0511	0.216	0.373	Fluoride
3	3.970	0.1354	0.437	invalid	
4	4.563	0.0259	0.070	invalid	
5	6.717	41.8916	152.193	402.831	Chloride
6	8.415	0.1197	0.454	0.599	Nitrite
7	10.287	0.0667	0.212	1.671	Bromide
8	11.865	1.1199	3.106	4.356	Nitrate
9	15.183	0.2029	0.409	3.028	Sulfate

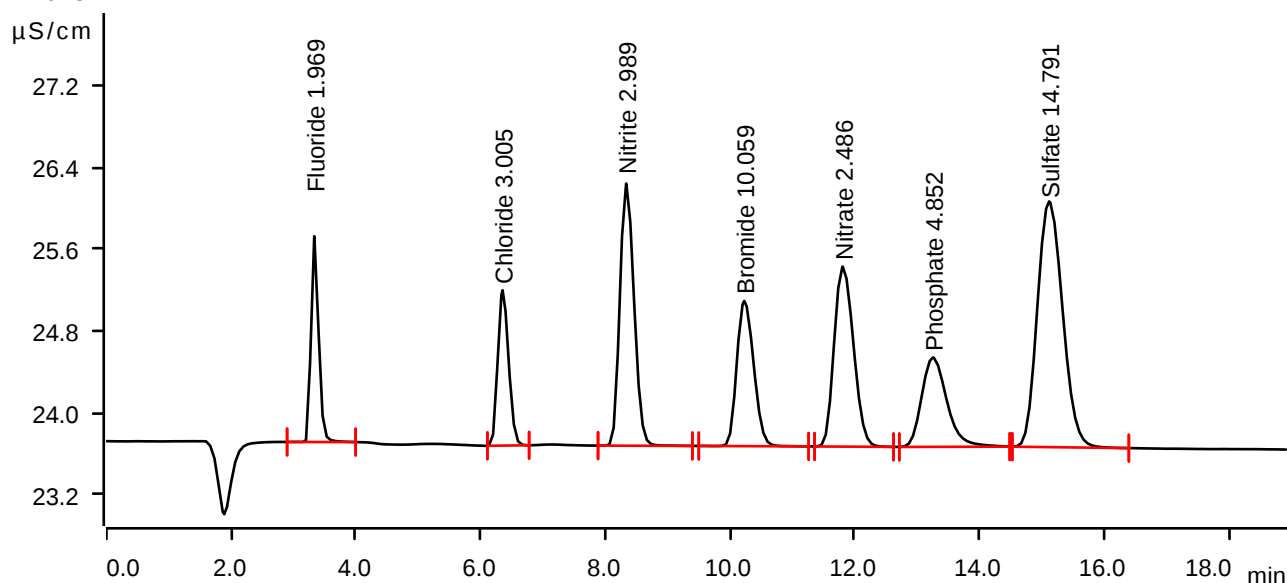
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-11-07 20:49:44 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.05 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



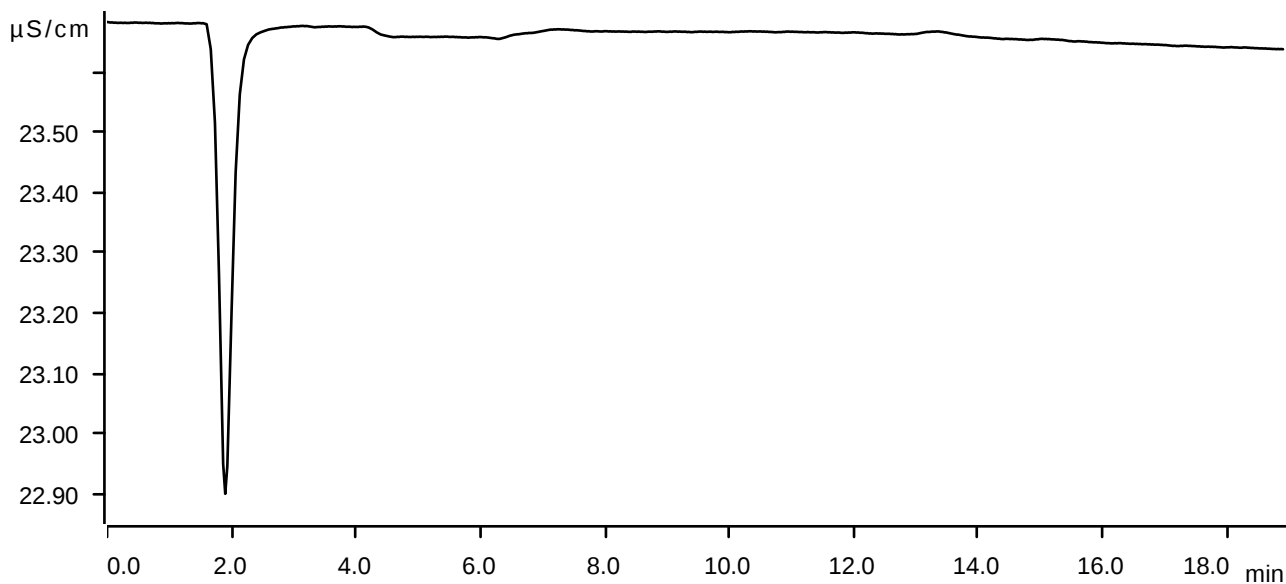
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.335	0.2850	2.009	1.969	Fluoride
2	6.353	0.3054	1.517	3.005	Chloride
3	8.337	0.6725	2.560	2.989	Nitrite
4	10.228	0.4455	1.417	10.059	Bromide
5	11.807	0.6322	1.757	2.486	Nitrate
6	13.252	0.4080	0.873	4.852	Phosphate
7	15.115	1.1240	2.398	14.791	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-11-07 21:11:14 UTC-5
Method IC1-110325
Operator

Anions

Data source Conductivity detector 1 (Eco IC 1)
Channel Conductivity
Recording time 19.0 min
Integration Automatically
Column type Metrosep A Supp 19 - 150/4.0
Eluent composition not defined
Flow 0.700 mL/min
Maximum flow monitored yes
Pressure 12.11 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

LB137837

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

11/10/2025 13:28

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	97.781	0.0	0.085	
ICB1	0.120	0.0	0.001	
CCV1	246.128	0.0	0.213	
CCB1	-0.028	0.0	0.001	
RL CHECK	4.810	0.0	0.005	96% (50-150)
PB170465BL	0.008	0.0	0.001	
PB170465BS	97.225	0.0	0.085	
MIDPB170465	244.353	0.0	0.211	97% (90-110)
Q3584-01	0.693	0.0	0.002	
Q3584-01DUP	0.571	0.0	0.002	
Q3584-01MS	37.579	0.0	0.033	
Q3584-01MSD	37.272	0.0	0.033	
Q3584-02	3.605	0.0	0.004	
Q3584-03	2.273	0.0	0.003	
CCV2	243.508	0.0	0.210	
CCB2	1.319	0.0	0.002	
Q3584-05	0.147	0.0	0.001	
Q3584-07	30.756	0.0	0.028	
CCV3	243.889	0.0	0.211	
CCB3	0.245	0.0	0.001	

N 20
Mean 64.613
SD 96.8923
CV% 149.96

11/10/2025
RM

Aquakem v. 7.2AQ1

Results from time period:

Mon Nov 10 10:56:34 2025

Mon Nov 10 13:24:06 2025

Sample Id	Sam/Ctr/c	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.OPPBCN	A	Total CN	P	-0.0639	µg/l	11/10/2025 10:56:34	
5.OPPBCN	A	Total CN	P	5.4099	µg/l	11/10/2025 10:56:35	
10PPBCN	A	Total CN	P	9.454	µg/l	11/10/2025 10:56:36	
50PPBCN	A	Total CN	P	49.9297	µg/l	11/10/2025 10:56:37	
100PPBCN	A	Total CN	P	98.5377	µg/l	11/10/2025 10:56:38	
250PPBCN	A	Total CN	P	252.8528	µg/l	11/10/2025 10:56:39	
500PPBCN	A	Total CN	P	498.88	µg/l	11/10/2025 10:56:40	
ICV1	S	Total CN	P	97.7808	µg/l	11/10/2025 12:47:22	
ICB1	S	Total CN	P	0.1199	µg/l	11/10/2025 12:47:23	
CCV1	S	Total CN	P	246.1285	µg/l	11/10/2025 12:47:26	
CCB1	S	Total CN	P	-0.0282	µg/l	11/10/2025 12:47:28	
RL CHECK	S	Total CN	P	4.8104	µg/l	11/10/2025 12:47:29	
PB170465BL	S	Total CN	P	0.008	µg/l	11/10/2025 12:54:54	
PB170465BS	S	Total CN	P	97.2245	µg/l	11/10/2025 12:54:57	
MIDPB170465	S	Total CN	P	244.3528	µg/l	11/10/2025 12:54:58	
Q3584-01	S	Total CN	P	0.6931	µg/l	11/10/2025 12:55:00	
Q3584-01DUP	S	Total CN	P	0.5712	µg/l	11/10/2025 12:55:02	
Q3584-01MS	S	Total CN	P	37.5791	µg/l	11/10/2025 13:02:28	
Q3584-01MSD	S	Total CN	P	37.2716	µg/l	11/10/2025 13:02:29	
Q3584-02	S	Total CN	P	3.6055	µg/l	11/10/2025 13:02:30	
Q3584-03	S	Total CN	P	2.2732	µg/l	11/10/2025 13:02:31	
CCV2	S	Total CN	P	243.508	µg/l	11/10/2025 13:02:36	
CCB2	S	Total CN	P	1.3194	µg/l	11/10/2025 13:02:37	
Q3584-05	S	Total CN	P	0.1471	µg/l	11/10/2025 13:08:39	
Q3584-07	S	Total CN	P	30.7562	µg/l	11/10/2025 13:08:40	
CCV3	S	Total CN	P	243.8891	µg/l	11/10/2025 13:08:43	
CCB3	S	Total CN	P	0.2448	µg/l	11/10/2025 13:08:46	

Calibration results

Aquakem 7.2AQ1

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Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

11/10/2025 10:58

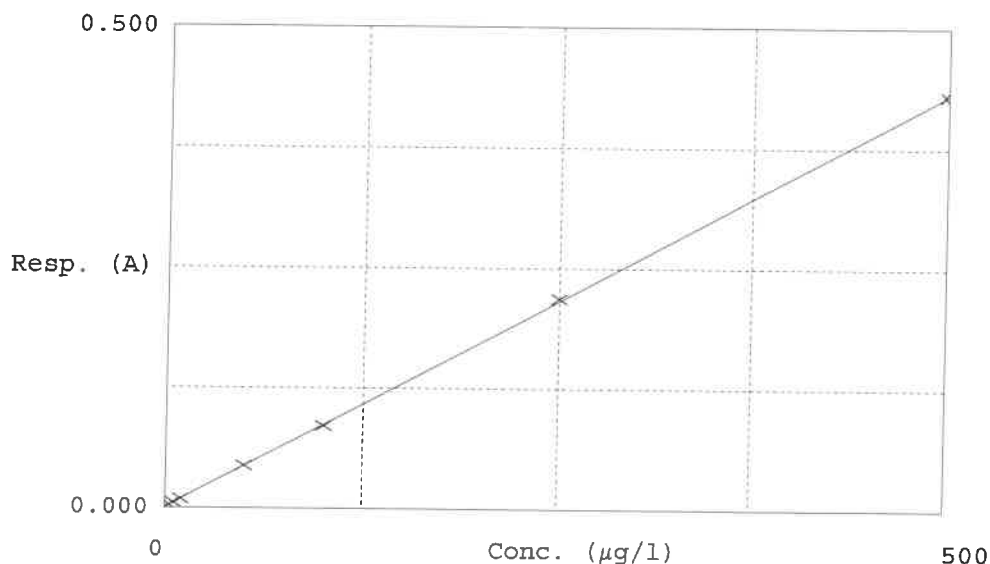
Test Total CN

Accepted 11/10/2025 10:58

Factor 1163
Bias 0.001

Coeff. of det. 0.999942

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.001	-0.0639	0.0000	-
2	5.0PPBCN	0.006	5.4099	5.0000	0.2
3	10PPBCN	0.009	9.4540	10.0000	-5.5
4	50PPBCN	0.044	49.9297	50.0000	-0.1
5	100PPBCN	0.086	98.5377	100.0000	-1.5
6	250PPBCN	0.218	252.8528	250.0000	1.1
7	500PPBCN	0.430	498.8800	500.0000	-0.2

11/10/2025
RM

Analytical Summary Report

Analysis Method: 9040C

Analyst By : jignesh

Parameter: pH

Supervisor Review By : Iwona

Run Number: LB137843

Slope : 98.2

pH Meter ID : WC PH METER-1

Calibration Standards	Chemtech Log#
PH 4 BUFFER SOLUTION	W3178
BUFFER PH 7.00 GREEN 1PINT PK6	W3093
PH 10.01 BUFFER,COLOR CD 475ML	W3191
buffer solution pH 7 yellow	W3217
Buffer Solution, PH2 (500ml)	W3161
pH 12.00 Buffer	W3200

True Value of ICV = 7.00 Control Limits[+/- 0.1].

True Value of CCV1 = 2.00 Control Limits[+/- 0.05].

True Value of CCV2 = 12.00 Control Limits[+/- 0.05].

True Value of CCV3 = 2.00 Control Limits[+/- 0.05].

Seq	LabID	DF	Matrix	Weight (gm)	Volume (ml)	Temperature (°C)	Result (pH)	Anal Date	Anal Time
1	CAL1	1	Water	NA	NA	20.2	4.01	11/10/2025	13:33
2	CAL2	1	Water	NA	NA	20.2	7.00	11/10/2025	13:35
3	CAL3	1	Water	NA	NA	20.3	10.02	11/10/2025	13:36
4	ICV	1	Water	NA	NA	20.3	7.02	11/10/2025	13:37
5	CCV1	1	Water	NA	NA	20.2	2.01	11/10/2025	13:39
6	Q3569-01	1	Water	NA	NA	20.5	6.88	11/10/2025	13:44
7	Q3569-02	1	Water	NA	NA	20.7	6.49	11/10/2025	13:47
8	Q3574-01	1	Water	NA	NA	20.2	6.63	11/10/2025	13:55
9	Q3578-01	1	Water	NA	NA	20.2	5.02	11/10/2025	14:00
10	Q3584-01	1	Water	NA	NA	20.6	6.73	11/10/2025	14:10
11	Q3584-02	1	Water	NA	NA	20.5	6.39	11/10/2025	14:15
12	Q3584-03	1	Water	NA	NA	20.5	6.60	11/10/2025	14:22
13	Q3584-04	1	Water	NA	NA	20.9	7.40	11/10/2025	14:25
14	Q3584-05	1	Water	NA	NA	20.5	7.30	11/10/2025	14:30
15	Q3584-07	1	Water	NA	NA	20.2	7.60	11/10/2025	14:37
16	CCV2	1	Water	NA	NA	20.2	12.02	11/10/2025	14:40
17	Q3595-01	1	Water	NA	NA	22.8	7.13	11/10/2025	14:48
18	Q3595-01DUP	1	Water	NA	NA	22.9	7.15	11/10/2025	14:50
19	CCV3	1	Water	NA	NA	20.3	2.01	11/10/2025	15:00

171843

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PH Q3584 WorkList ID : 193013 Department : Wet-Chemistry Date : 11-10-2025 12:56:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3569-01	MW-2	Water	pH	Cool 4 deg C	REMI02	J22	11/05/2025	9040C
Q3569-02	MW-12	Water	pH	Cool 4 deg C	REMI02	J22	11/05/2025	9040C
Q3574-01	304641-01 Liquid	Water	pH	Cool 4 deg C	PACI01	J22	11/04/2025	9040C
Q3578-01	MH-1172025	Water	pH	Cool 4 deg C	EURO03	D31	11/07/2025	9040C
Q3584-01	SW-1	Water	pH	Cool 4 deg C	REMI02	D41	11/06/2025	9040C
Q3584-02	SW-2	Water	pH	Cool 4 deg C	REMI02	D41	11/07/2025	9040C
Q3584-03	SW-3	Water	pH	Cool 4 deg C	REMI02	D41	11/07/2025	9040C
Q3584-04	EB-2	Water	pH	Cool 4 deg C	REMI02	D41	11/06/2025	9040C
Q3584-05	FB-2	Water	pH	Cool 4 deg C	REMI02	D41	11/07/2025	9040C
Q3584-07	SEEP-1	Water	pH	Cool 4 deg C	REMI02	D41	11/07/2025	9040C
Q3595-01	LAW-25-0176	Water	pH	Cool 4 deg C	PSEG03	D41	11/07/2025	9040C

Date/Time 11-10-25 13:30
Raw Sample Received by: SB
Raw Sample Relinquished by: CS

Date/Time 11-10-25 14:30
Raw Sample Received by: CS
Raw Sample Relinquished by: SB

TOTAL Dissolved Solids - SM2540C

LB 137845

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TDS Q3584 WorkList ID : 193012 Department : Wet-Chemistry Date : 11-10-2025 12:55:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3569-01	MW-2	Water	TDS	Cool 4 deg C	REMI02	J22	11/05/2025	SM2540 C
Q3569-02	MW-12	Water	TDS	Cool 4 deg C	REMI02	J22	11/05/2025	SM2540 C
Q3584-01	SW-1	Water	TDS	Cool 4 deg C	REMI02	D41	11/06/2025	SM2540 C
Q3584-02	SW-2	Water	TDS	Cool 4 deg C	REMI02	D41	11/07/2025	SM2540 C
Q3584-03	SW-3	Water	TDS	Cool 4 deg C	REMI02	D41	11/07/2025	SM2540 C
Q3584-07	SEEP-1	Water	TDS	Cool 4 deg C	REMI02	D41	11/07/2025	SM2540 C

Date/Time 11-10-25 13:30
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Date/Time 11-10-25 17:00
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

LB137870

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092Reviewed by : RM

Instrument ID : Konelab

11/12/2025 13:57

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	5.090	0.0	1.016	
ICB1	-0.014	0.0	0.021	
CCV1	4.981	0.0	0.995	
CCB1	0.011	0.0	0.025	
RL CHECK	0.475	0.0	0.116	
11/12/25 RM PB170452BL 510b1	-0.016	0.0	0.020	95% (50-150)
11/12/25 RM PB170452BS 510b3	5.117	0.0	1.021	11/12/2025 RM
Q3530-07	0.241	0.0	0.070	
Q3530-08	0.537	0.0	0.128	
Q3552-01	32.782	0.0	6.418	Abs. high, Init abs., Tes
Q3552-02	13.160	0.0	2.590	Init abs., Test limit hig
Q3552-03	33.601	0.0	6.578	Abs. high, Init abs., Tes
Q3552-04	2.872	0.0	0.583	
Q3552-04DUP	2.701	0.0	0.550	
CCV2	5.046	0.0	1.008	
CCB2	0.028	0.0	0.029	
Q3552-04MS	7.307	0.0	1.449	
Q3552-04MSD	7.196	0.0	1.427	
Q3552-05	31.018	0.0	6.074	Init abs., Test limit hig
Q3560-01	8.250	0.0	1.633	
Q3560-03	0.101	0.0	0.043	
Q3560-05	0.404	0.0	0.102	
Q3560-07	29.862	0.0	5.849	Init abs., Test limit hig
Q3560-09	1.441	0.0	0.304	
Q3569-01	27.813	0.0	5.449	Init abs., Test limit hig
Q3569-02	30.898	0.0	6.051	Init abs., Test limit hig
CCV3	5.068	0.0	1.012	
CCB3	-0.014	0.0	0.021	
Q3584-01	0.655	0.0	0.151	
Q3584-02	0.747	0.0	0.169	
Q3584-03	2.170	0.0	0.447	
Q3584-07	31.572	0.0	6.182	Init abs., Test limit hig
PB170482BL	0.378	0.0	0.097	
PB170482BS	5.351	0.0	1.067	
Q3483-07	30.915	0.0	6.054	Init abs., Test limit hig
Q3530-01	0.232	0.0	0.069	
Q3530-02	0.514	0.0	0.124	
Q3586-02	19.729	0.0	3.872	Init abs., Test limit hig
CCV4	5.118	0.0	1.022	
CCB4	0.161	0.0	0.055	
Q3586-02DUP	19.660	0.0	3.858	Init abs., Test limit hig
Q3586-02MS	22.223	0.0	4.358	Init abs., Test limit hig
Q3586-02MSD	22.373	0.0	4.388	Init abs., Test limit hig
Q3552-01DLX20	7.902	0.0	1.565	
Q3552-02DLX2	6.532	0.0	1.298	
Q3552-03DLX10	8.534	0.0	1.688	
Q3552-05DLX10	6.661	0.0	1.323	
Q3560-07DLX10	4.854	0.0	0.970	
Q3569-01DLX10	3.594	0.0	0.724	
CCV5	4.965	0.0	0.992	
CCB5	-0.023	0.0	0.019	
Q3569-02DLX10	7.098	0.0	1.408	
Q3483-07DLX10	5.586	0.0	1.113	
Q3586-02DLX5	4.526	0.0	0.906	
Q3586-02DUPDLX5	4.428	0.0	0.887	

613787

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

11/12/2025 13:57

Reviewed by : RM

Instrument ID : Konelab

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
Q3484-07DLX20	6.876	0.0	1.365	
CCV6	5.182	0.0	1.034	
CCB6	0.015	0.0	0.026	

N	58
Mean	8.526
SD	10.5347
CV%	123.57

Aquakem v. 7.2AQ1

Results from time period:

Wed Nov 12 10:23:27 2025

Wed Nov 12 13:45:39 2025

Sample Id	Sam/Ctr/c/	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	TKN-NH3	P	-0.013	mg/l	11/12/2025 10:23:27	
0.5PPM	A	TKN-NH3	P	0.4527	mg/l	11/12/2025 10:23:28	
1.0PPM	A	TKN-NH3	P	0.9186	mg/l	11/12/2025 10:23:29	
2.5PPM	A	TKN-NH3	P	2.5078	mg/l	11/12/2025 10:23:30	
5.0PPM	A	TKN-NH3	P	5.1098	mg/l	11/12/2025 10:23:31	
6.7PPM	A	TKN-NH3	P	6.8781	mg/l	11/12/2025 10:23:32	
10.0PPM	A	TKN-NH3	P	9.8128	mg/l	11/12/2025 10:23:33	
ICV1	S	TKN-NH3	P	5.0902	mg/l	11/12/2025 11:32:42	
ICB1	S	TKN-NH3	P	-0.0135	mg/l	11/12/2025 11:32:44	
CCV1	S	TKN-NH3	P	4.9809	mg/l	11/12/2025 11:32:46	
CCB1	S	TKN-NH3	P	0.0107	mg/l	11/12/2025 11:32:49	
RL CHECK	S	TKN-NH3	P	0.475	mg/l	11/12/2025 11:32:51	
PB170510BL	S	TKN-NH3	P	-0.0164	mg/l	11/12/2025 11:32:53	
PB170510BS	S	TKN-NH3	P	5.1167	mg/l	11/12/2025 11:43:23	
Q3530-07	S	TKN-NH3	P	0.2412	mg/l	11/12/2025 11:43:26	
Q3530-08	S	TKN-NH3	P	0.5368	mg/l	11/12/2025 11:43:27	
Q3552-01	S	TKN-NH3	P	32.7823	mg/l	11/12/2025 11:43:29	
Q3552-02	S	TKN-NH3	P	13.1601	mg/l	11/12/2025 11:43:30	
Q3552-03	S	TKN-NH3	P	33.6011	mg/l	11/12/2025 11:43:31	
Q3552-04	S	TKN-NH3	P	2.8716	mg/l	11/12/2025 11:43:33	
Q3552-04DUP	S	TKN-NH3	P	2.7009	mg/l	11/12/2025 11:43:34	
CCV2	S	TKN-NH3	P	5.0457	mg/l	11/12/2025 11:54:08	
CCB2	S	TKN-NH3	P	0.0282	mg/l	11/12/2025 11:54:09	
Q3552-04MS	S	TKN-NH3	P	7.3071	mg/l	11/12/2025 11:54:10	
Q3552-04MSD	S	TKN-NH3	P	7.196	mg/l	11/12/2025 11:54:11	
Q3552-05	S	TKN-NH3	P	31.0181	mg/l	11/12/2025 11:54:14	
Q3560-01	S	TKN-NH3	P	8.2499	mg/l	11/12/2025 11:54:15	
Q3560-03	S	TKN-NH3	P	0.101	mg/l	11/12/2025 11:54:16	
Q3560-05	S	TKN-NH3	P	0.4044	mg/l	11/12/2025 11:54:17	
Q3560-07	S	TKN-NH3	P	29.8624	mg/l	11/12/2025 11:54:18	
Q3560-09	S	TKN-NH3	P	1.4411	mg/l	11/12/2025 12:04:51	
Q3569-01	S	TKN-NH3	P	27.813	mg/l	11/12/2025 12:04:52	
Q3569-02	S	TKN-NH3	P	30.8975	mg/l	11/12/2025 12:04:53	
CCV3	S	TKN-NH3	P	5.0676	mg/l	11/12/2025 12:04:54	
CCB3	S	TKN-NH3	P	-0.0141	mg/l	11/12/2025 12:04:55	
Q3584-01	S	TKN-NH3	P	0.6552	mg/l	11/12/2025 12:04:56	
Q3584-02	S	TKN-NH3	P	0.7465	mg/l	11/12/2025 12:04:57	
Q3584-03	S	TKN-NH3	P	2.1705	mg/l	11/12/2025 12:04:58	
Q3584-07	S	TKN-NH3	P	31.5722	mg/l	11/12/2025 12:04:59	

PB170482BL	S	TKN-NH3	P	0.3784 mg/l	11/12/2025 12:05:00
PB170482BS	S	TKN-NH3	P	5.3513 mg/l	11/12/2025 12:05:01
Q3483-07	S	TKN-NH3	P	30.9153 mg/l	11/12/2025 12:05:02
Q3530-01	S	TKN-NH3	P	0.2319 mg/l	11/12/2025 12:15:35
Q3530-02	S	TKN-NH3	P	0.5137 mg/l	11/12/2025 12:15:36
Q3586-02	S	TKN-NH3	P	19.7287 mg/l	11/12/2025 12:15:37
CCV4	S	TKN-NH3	P	5.118 mg/l	11/12/2025 12:15:38
CCB4	S	TKN-NH3	P	0.1611 mg/l	11/12/2025 12:15:39
Q3586-02DUP	S	TKN-NH3	P	19.6598 mg/l	11/12/2025 12:15:40
Q3586-02MS	S	TKN-NH3	P	22.2229 mg/l	11/12/2025 12:15:41
Q3586-02MSD	S	TKN-NH3	P	22.3735 mg/l	11/12/2025 12:15:42
Q3552-01DLX20	S	TKN-NH3	P	7.9015 mg/l	11/12/2025 12:15:43
Q3552-02DLX2	S	TKN-NH3	P	6.5321 mg/l	11/12/2025 12:15:45
Q3552-03DLX10	S	TKN-NH3	P	8.5336 mg/l	11/12/2025 12:15:46
Q3552-05DLX10	S	TKN-NH3	P	6.6612 mg/l	11/12/2025 12:26:19
Q3560-07DLX10	S	TKN-NH3	P	4.8544 mg/l	11/12/2025 12:26:20
Q3569-01DLX10	S	TKN-NH3	P	3.5942 mg/l	11/12/2025 12:26:21
CCV5	S	TKN-NH3	P	4.9652 mg/l	11/12/2025 13:42:24
CCB5	S	TKN-NH3	P	-0.0228 mg/l	11/12/2025 13:42:26
Q3569-02DLX10	S	TKN-NH3	P	7.0982 mg/l	11/12/2025 13:42:27
Q3483-07DLX10	S	TKN-NH3	P	5.586 mg/l	11/12/2025 13:42:28
Q3586-02DLX5	S	TKN-NH3	P	4.5261 mg/l	11/12/2025 13:42:31
Q3586-02DUPDLX5	S	TKN-NH3	P	4.4275 mg/l	11/12/2025 13:42:32
Q3484-07DLX20	S	TKN-NH3	P	6.876 mg/l	11/12/2025 13:42:33
CCV6	S	TKN-NH3	P	5.1821 mg/l	11/12/2025 13:42:34
CCB6	S	TKN-NH3	P	0.0153 mg/l	11/12/2025 13:45:39

=====

Calibration results Aquakem 7.2AQ1 Page: 1

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

11/12/2025 10:27 Reviewed by : RM Instrument ID : Konelab

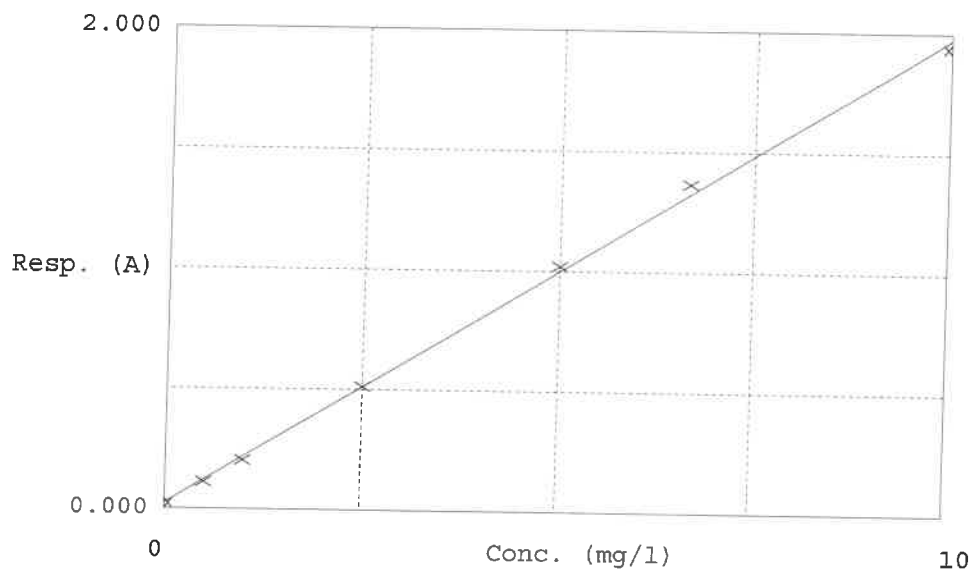
Test TKN-NH3

Accepted 11/12/2025 10:27

Factor 5.126
Bias 0.023

Coeff. of det. 0.998783

Errors



	Calibrator	Response	Calc. con.	Conc.	^{1e} Errors
1	0.00PPM	0.021	-0.0130	0.0000	-
2	TKN-10	0.112	0.4527	0.5000	-9.5
3	TKN-10	0.202	0.9186	1.0000	-8.1
4	TKN-10	0.513	2.5078	2.5000	0.3
5	TKN-10	1.020	5.1098	5.0000	2.2
6	TKN-10	1.365	6.8781	6.6667	2.7
7	TKN-10	1.937	9.8128	10.0000	-1.9

11/12/2025
RM

BOD5 LOG

ANALYST: rubin
 On:11/12/2025 5:02:41 PM

SUPERVISOR: Iwona

QC BATCH ID: LB137871

Analysis Date: 11/07/2025

BOD Water: WP115513

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP115342

Sodium Thiosulfate, 0.025N: W3248

POLYSEED: WP115515

NaOH, 1N: WP113878

GGA: WP115514

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511064

pH Strips: W3241

Zero DO: WP115341

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.5	9.5	9.5
WINKLER 2	WINKLER 2	2	300	9.7	19.2	9.5	9.5

Meter Calibration1: 9.17

Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure1: 750 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.59

After Incubation

Meter Calibration2: 8.78

Zero DO Reading2: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure2: 750 mmHg

QC BATCH ID: LB137871

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 19:00

TIME OUT: 16:00

DATE IN: 11/07/2025

DATE OUT: 11/12/2025

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp °C	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
LB137871BL	1	No	6.62	N/A	20.80	300	9.59	9.57	0.02	0.02	0.02	
POLYSEED	1					10	9.48	6.36	3.12	0.62	0.64	
POLYSEED	2					15	9.43	4.40	5.03	0.67		
POLYSEED	3					20	9.40	2.97	6.43	0.64		
GGA	1					6	9.45	5.30	4.15	175.5	177.5	
GGA	2					6	9.40	5.21	4.19	177.5		
GGA	3					6	9.41	5.18	4.23	179.5		
Q3575-01	1	No	6.79	N/A	20.30	5	9.43	8.57	-	0	10.36	
Q3575-01	2					20	9.37	7.78	-	0		
Q3575-01	3					50	9.24	6.76	2.48	11.04		
Q3575-01	4					150	8.72	3.24	5.48	9.68		
Q3575-02	1	No	6.93	N/A	20.40	5	9.47	8.28	-	0	11.32	
Q3575-02	2					20	9.39	7.60	-	0		
Q3575-02	3					50	9.20	6.79	2.41	10.62		
Q3575-02	4					150	8.49	1.84	6.65	12.02		
Q3578-01	1	No	5.02	7.11	20.20	5	9.49	1.04	8.45	468.6	468.6	pH Adjusted
Q3578-01	2					20	9.27	0.78	-	0		
Q3578-01	3					50	8.89	0.54	-	0		
Q3578-01	4					150	6.49	0.24	-	0		
Q3578-01DUP	1	No	5.02	7.11	20.20	5	9.47	1.07	8.4	465.6	465.6	pH Adjusted
Q3578-01DUP	2					20	9.29	0.84	-	0		
Q3578-01DUP	3					50	8.90	0.54	-	0		
Q3578-01DUP	4					150	6.95	0.20	-	0		
Q3584-01	1	No	6.71	N/A	20.00	5	9.48	8.78	-	0		
Q3584-01	2					20	9.36	8.58	-	0		
Q3584-01	3					50	9.26	8.20	-	0		
Q3584-01	4					150	9.00	7.98	-	0		
Q3584-02	1	No	6.36	6.89	20.00	5	9.53	8.68	-	0		pH Adjusted
Q3584-02	2					20	9.36	8.64	-	0		
Q3584-02	3					50	9.30	8.19	-	0		
Q3584-02	4					150	8.98	8.00	-	0		
Q3584-03	1	No	6.57	N/A	20.00	5	9.51	8.82	-	0		
Q3584-03	2					20	9.42	8.73	-	0		
Q3584-03	3					50	9.32	8.26	-	0		
Q3584-03	4					150	9.30	8.02	-	0		
Q3584-05	1	No	7.37	N/A	20.00	5	9.48	8.78	-	0		
Q3584-05	2					20	9.45	8.60	-	0		
Q3584-05	3					50	9.35	8.28	-	0		
Q3584-05	4					150	9.20	8.19	-	0		
Q3584-07	1	No	7.57	7.22	20.00	5	9.20	1.07	8.13	449.4	449.4	pH Adjusted
Q3584-07	2					20	8.74	0.47	-	0		

Q3584-07	3					50	7.84	0.19	-	0	
Q3584-07	4					150	4.10	0.14	-	0	

Reviewed By:Iwona
On:11/12/2025 5:02:41 PM
Inst Id :DO METER
LB :LB137871

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.
NOTE (For, CBOD5): 0.16 g Nitrification Inhibitor added to GGA and all the Samples, but not in Blank.

Extraction and Analytical Summary Report

Analysis Method: 1664A

Test: Oil and Grease

Run Number: LB137877

Analysis Date: 11/13/2025

BalanceID: WC SC-5

OvenID: EXT OVEN-3

ANALYST: jignesh

REVIEWED BY: Iwona

Extraction Date: 11/13/2025

Extraction IN Time: 08:14

Extraction OUT Time: 09:40

Thermometer ID: EXT OVEN#3

Dish #	Lab ID	Client ID	Matrix	pH	Sample Vol (ml)	Final Volume (ml)	Empty Dish Weight (g)	Final Empty Dish Weight (g)	Silica Gel Weight (g)	Weight After Drying (g)	Final Weight After Drying (g)	Change Weight (g)	Result in ppm
1	LB137877BL	LB137877BL	WATER	1.3	1000	100	3.0054	3.0054	0	3.0055	3.0055	0.0001	0.1
2	LB137877BS	LB137877BS	WATER	1.3	1000	100	3.0741	3.0741	0	3.0923	3.0923	0.0182	18.2
3	Q3530-09	MDL-WATER-03-QT4-2025	WATER	1.3	1000	100	3.0354	3.0354	0	3.0372	3.0372	0.0018	1.8
4	Q3569-01	MW-2	WATER	1.3	1000	100	3.0059	3.0059	0	3.0063	3.0063	0.0004	0.4
5	Q3569-02	MW-12	WATER	1.3	1000	100	3.0842	3.0842	0	3.0847	3.0847	0.0005	0.5
6	Q3575-01	001 Willets Pt Blvd (N	WATER	1.6	1000	100	3.0420	3.0420	0	3.0426	3.0426	0.0006	0.6
7	Q3575-02	002 35th Ave (Nov)	WATER	1.6	1000	100	3.0489	3.0489	0	3.0497	3.0497	0.0008	0.8
8	Q3578-01	MH-1172025	WATER	1.6	1000	100	3.0861	3.0861	0	3.1803	3.1803	0.0942	94.2
9	Q3578-02	Q3578-01MS	WATER	1.6	1000	100	3.0144	3.0144	0	3.1290	3.1290	0.1146	114.6
10	Q3578-03	Q3578-01MSD	WATER	1.6	1000	100	3.1988	3.1988	0	3.3120	3.3120	0.1132	113.2
11	Q3584-07	SEEP-1	WATER	1.6	1000	100	3.0751	3.0751	0	3.1653	3.1653	0.0902	90.2
12	Q3616-01	OIL AND GREASE-1	WATER	1.3	1000	100	3.0252	3.0252	0	3.0366	3.0366	0.0114	11.4
13	Q3616-02	OIL AND GREASE-2	WATER	1.3	1000	100	3.0720	3.0720	0	3.0761	3.0761	0.0041	4.1
14	Q3616-03	OIL AND GREASE-3	WATER	1.3	1000	100	2.9875	2.9875	0	2.9910	2.9910	0.0035	3.5

QC Batch# LB137877

Test: Oil and Grease

Analysis Date: 11/13/2025

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W3240
pH Paper 0-14	M6069
Sodium Sulfate	EP2655
1:1 HCL	WP115016
Silica Gel	N/A
Sand	N/A

Standards Used:

Standard Name	Amount Used	Standard Lot #
LCSW	2.5 ML	WP115017
LCSWD	N/A	N/A
MS/MSD	2.5 ML	WP115018

BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

Before Analysis

0.0020 gram Balance: 0.0018 (0.0018-0.0022) In OVEN TEMP1 : 71 °C Dessicator Time In1 : 10:41

1.0000 gram Balance: 1.0004 (0.9950-1.0050) In Time1: 10:00

Bal Check Time: 08:25 Out OVEN TEMP1: 71 °C Dessicator Time Out1: 11:25

Out Time1: 10:40

After Analysis

0.0020 gram Balance: 0.0019 (0.0018-0.0022) In OVEN TEMP2 : 70 °C Dessicator Time In2 : 13:10

1.0000 gram Balance: 1.0005 (0.9950-1.0050) In Time2: 12:00

Bal Check Time: 13:40 Out OVEN TEMP2: 70 °C Dessicator Time Out2: 13:37

Out Time2: 12:30

WORKLIST(Hardcopy Internal Chain)

11-13-25

WorkList Name : OIL & GREASE Q3578

WorkList ID : 193087

Department : Wet-Chemistry

Date : 11-13-2025 07:52:28

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3530-09	MDL-WATER-03-QT4-2025	Water	Oil and Grease	Conc H2SO4 to pH < 2	ALLI03	QA 01	11/03/2025	1664A
Q3569-01	MW-2	Water	Oil and Grease	Conc H2SO4 to pH < 2	REMI02	J22	11/05/2025	1664A
Q3569-02	MW-12	Water	Oil and Grease	Conc H2SO4 to pH < 2	REMI02	J22	11/05/2025	1664A
Q3575-01	001 Willets Pt Blvd (Nov)	Water	Oil and Grease	Conc H2SO4 to pH < 2	TULL01	J11	11/06/2025	1664A
Q3575-02	002 35th Ave (Nov)	Water	Oil and Grease	Conc H2SO4 to pH < 2	TULL01	J11	11/06/2025	1664A
Q3578-01	MH-1172025	Water	Oil and Grease	Conc H2SO4 to pH < 2	EURO03	D31	11/07/2025	1664A
Q3578-02	Q3578-01MS	Water	Oil and Grease	Conc H2SO4 to pH < 2	EURO03	D31	11/07/2025	1664A
Q3578-03	Q3578-01MSD	Water	Oil and Grease	Conc H2SO4 to pH < 2	EURO03	D31	11/07/2025	1664A
Q3584-07	SEEP-1	Water	Oil and Grease	Conc H2SO4 to pH < 2	REMI02	D41	11/07/2025	1664A
Q3616-01	OIL AND GREASE-1	Water	Oil and Grease	Conc H2SO4 to pH < 2	DALT01	D31	11/11/2025	1664A
Q3616-02	OIL AND GREASE-2	Water	Oil and Grease	Conc H2SO4 to pH < 2	DALT01	D31	11/11/2025	1664A
Q3616-03	OIL AND GREASE-3	Water	Oil and Grease	Conc H2SO4 to pH < 2	DALT01	D31	11/11/2025	1664A

Date/Time 11-13-25 08:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 11-13-25 15:30

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

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Test results Aquakem 7.2AQ1 Page: 6615

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

11/14/2025 12:55 Reviewed by : RM Instrument ID : Konelab

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	94.638	0.0	0.085	
ICB1	0.786	0.0	0.001	
CCV1	239.910	0.0	0.214	
CCB1	0.876	0.0	0.001	
PB170546BL	0.744	0.0	0.001	
PB170546BS	95.228	0.0	0.085	
LOWPB170546	9.789	0.0	0.009	
HIGHPB170546	480.910	0.0	0.429	
Q3609-01	1.045	0.0	0.002	
Q3609-01DUP	1.219	0.0	0.002	
Q3609-01MS	36.804	0.0	0.033	
Q3609-01MSD	37.035	0.0	0.034	
Q3609-04	1.042	0.0	0.002	
Q3609-07	0.987	0.0	0.001	
CCV2	240.190	0.0	0.215	
CCB2	0.595	0.0	0.001	
Q3609-10	0.477	0.0	0.001	
Q3609-13	0.714	0.0	0.001	
Q3618-01	10.694	0.0	0.010	
Q3618-02	0.698	0.0	0.001	
Q3621-02	1.795	0.0	0.002	
Q3624-01	0.981	0.0	0.001	
Q3631-01	2.701	0.0	0.003	
Q3631-03	1.418	0.0	0.002	
Q3633-01	0.787	0.0	0.001	
Q3633-03	1.400	0.0	0.002	
CCV3	240.854	0.0	0.215	
CCB3	0.952	0.0	0.001	
Q3633-05	1.531	0.0	0.002	
Q3641-01	1.261	0.0	0.002	
PB170563BL	0.768	0.0	0.001	
PB170563BS	95.513	0.0	0.086	
11/14/2025 RM Q3584-04	0.896	0.0	0.001	
CCV4	247.164	0.0	0.221	
CCB4	0.821	0.0	0.001	

98% (90-110) 11/14/2025
97% (90-110) RM

N 35
Mean 52.949
SD 108.1410
CV% 204.23

Aquakem v. 7.2AQ1

Results from time period:

Fri Nov 14 11:56:51 2025

Fri Nov 14 12:45:22 2025

Sample Id	Sam/Ctr/c	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	-0.022	µg/l	11/14/2025 9:19:45	
5.0PPBCN	A	Total CN	P	5.343	µg/l	11/14/2025 9:19:46	
10PPBCN	A	Total CN	P	10.4033	µg/l	11/14/2025 9:19:47	
50PPBCN	A	Total CN	P	49.6432	µg/l	11/14/2025 9:19:48	
100PPBCN	A	Total CN	P	99.0638	µg/l	11/14/2025 9:19:49	
250PPBCN	A	Total CN	P	250.7143	µg/l	11/14/2025 9:19:50	
500PPBCN	A	Total CN	P	499.8543	µg/l	11/14/2025 9:19:51	
ICV1	S	Total CN	P	94.6377	µg/l	11/14/2025 11:56:52	
ICB1	S	Total CN	P	0.7862	µg/l	11/14/2025 11:56:53	
CCV1	S	Total CN	P	239.9105	µg/l	11/14/2025 11:56:56	
CCB1	S	Total CN	P	0.8765	µg/l	11/14/2025 11:56:57	
PB170546BL	S	Total CN	P	0.7442	µg/l	11/14/2025 11:56:59	
PB170546BS	S	Total CN	P	95.2285	µg/l	11/14/2025 11:57:01	
LOWPB170546	S	Total CN	P	9.7892	µg/l	11/14/2025 12:04:28	
HIGHPB170546	S	Total CN	P	480.9102	µg/l	11/14/2025 12:04:32	
Q3609-01	S	Total CN	P	1.0448	µg/l	11/14/2025 12:04:34	
Q3609-01DUP	S	Total CN	P	1.2188	µg/l	11/14/2025 12:04:37	
Q3609-01MS	S	Total CN	P	36.8037	µg/l	11/14/2025 12:12:01	
Q3609-01MSD	S	Total CN	P	37.0352	µg/l	11/14/2025 12:12:02	
Q3609-04	S	Total CN	P	1.0421	µg/l	11/14/2025 12:12:05	
Q3609-07	S	Total CN	P	0.9872	µg/l	11/14/2025 12:12:06	
CCV2	S	Total CN	P	240.1901	µg/l	11/14/2025 12:12:10	
CCB2	S	Total CN	P	0.5953	µg/l	11/14/2025 12:19:37	
Q3609-10	S	Total CN	P	0.4765	µg/l	11/14/2025 12:19:38	
Q3609-13	S	Total CN	P	0.7135	µg/l	11/14/2025 12:19:39	
Q3618-01	S	Total CN	P	10.6937	µg/l	11/14/2025 12:19:40	
Q3618-02	S	Total CN	P	0.6983	µg/l	11/14/2025 12:19:41	
Q3621-02	S	Total CN	P	1.7947	µg/l	11/14/2025 12:19:42	
Q3624-01	S	Total CN	P	0.9812	µg/l	11/14/2025 12:19:43	
Q3631-01	S	Total CN	P	2.7007	µg/l	11/14/2025 12:19:44	
Q3631-03	S	Total CN	P	1.4181	µg/l	11/14/2025 12:19:45	
Q3633-01	S	Total CN	P	0.7867	µg/l	11/14/2025 12:19:46	
Q3633-03	S	Total CN	P	1.4004	µg/l	11/14/2025 12:27:11	
CCV3	S	Total CN	P	240.8544	µg/l	11/14/2025 12:27:15	
CCB3	S	Total CN	P	0.9521	µg/l	11/14/2025 12:27:18	
Q3633-05	S	Total CN	P	1.5309	µg/l	11/14/2025 12:27:19	
Q3641-01	S	Total CN	P	1.2614	µg/l	11/14/2025 12:27:20	
PB170563BL	S	Total CN	P	0.7681	µg/l	11/14/2025 12:34:49	
PB170563BS	S	Total CN	P	95.5129	µg/l	11/14/2025 12:34:50	

Q3584-04	S	Total CN	P	0.8959 µg/l	11/14/2025 12:34:53
CCV4	S	Total CN	P	247.1642 µg/l	11/14/2025 12:39:59
CCB4	S	Total CN	P	0.8212 µg/l	11/14/2025 12:40:01

Calibration results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

11/14/2025 9:20

Reviewed by : RM

Instrument ID : Konelab

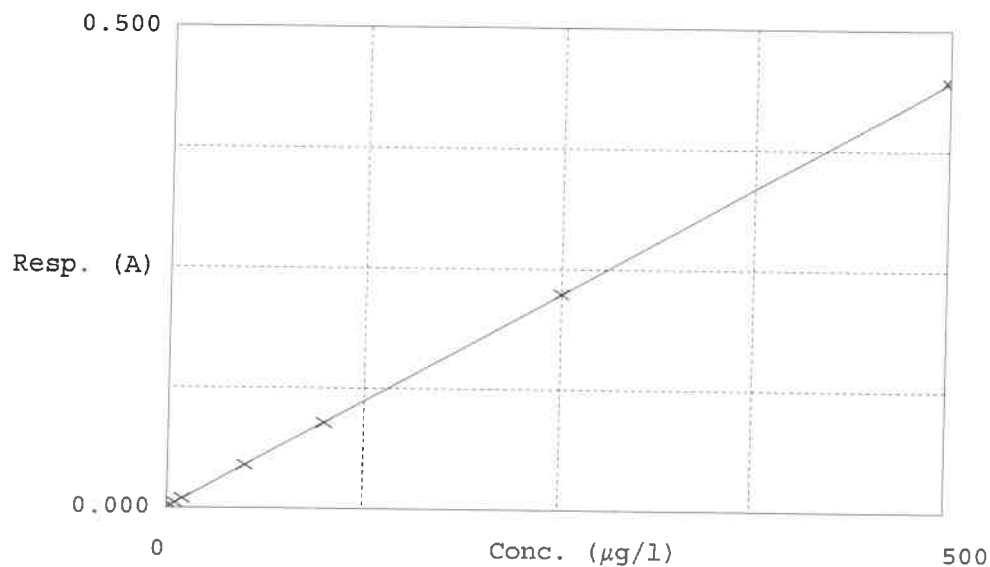
Test Total CN

Accepted 11/14/2025 9:20

Factor 1122
Bias 0.001

Coeff. of det. 0.999991

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.001	-0.0220	0.0000	-
2	5.0PPBCN	0.005	5.3430	5.0000	6.9
3	10PPBCN	0.010	10.4033	10.0000	4.0
4	50PPBCN	0.045	49.6432	50.0000	-0.7
5	100PPBCN	0.089	99.0638	100.0000	-0.9
6	250PPBCN	0.224	250.7143	250.0000	0.3
7	500PPBCN	0.446	499.8543	500.0000	0.0

11/14/2025
RM

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Iwona

Parameter: COD

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB137904

Reagent/Standard	Lot/Log #
COD calibration std. 150 ppm	WP114659
COD calibration std. 100 ppm	WP114658
COD calibration std. 50 ppm	WP114656
COD calibration std. 10 ppm	WP114655
COD calibration std. 0 ppm	WP114654
COD ICV-LCS std, 50ppm	WP114661
COD calibration std. 75 ppm	WP114657
COD CCV std, 50ppm	WP115676
COD ICV-LCS std, 50ppm	WP115677
RL CHECK	WP115678
COD Digestion Vials Low Level 0-150Mg/L	W3250

Temp In (C): 149	Date In: 11/14/2025	Time In: 10:15
Temp Out (C): 151	Date Out: 11/14/2025	Time Out: 12:15

Intercept: 0.3943

Slope: 0.9887

Regression: 0.9996

Seq	Lab ID	TrueValue (mg/l)	DF	MATRIX	Reading	Result (mg/l)	%D	Anal Date	Anal Time
1	CAL1	0	1	Water	0.000	-0.399		09/08/2025	13:30
2	CAL2	10	1	Water	9.000	8.704	-13	09/08/2025	13:30
3	CAL3	50	1	Water	51.000	51.184	2.4	09/08/2025	13:31
4	CAL4	75	1	Water	77.000	77.481	3.3	09/08/2025	13:31
5	CAL5	100	1	Water	98.000	98.721	-1.3	09/08/2025	13:32
6	CAL6	150	1	Water	148.000	149.293	-0.5	09/08/2025	13:32

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Iwona

Parameter: COD

SUPERVISOR REVIEW BY: JIGNESH

Run Number: LB137904

Seq	Lab ID	True Value (mg/l)	Initial Weight (g)	Final Vol (ml)	DF	MATRIX	Reading	Result	AnalDate	AnalTime
1	ICV	50	NA	NA	1	Water	50.000	50.173	09/08/2025	13:33
2	ICB		NA	NA	1	Water	1.000	0.613	09/08/2025	13:33
3	CCV1	50	NA	NA	1	Water	51.000	51.184	11/14/2025	14:00
4	CCB1		NA	NA	1	Water	1.000	0.613	11/14/2025	14:00
5	RL Check	10	NA	NA	1	Water	7.000	6.681	11/14/2025	14:01
6	LB137904BL		NA	NA	1	Water	1.000	0.613	11/14/2025	14:01
7	LB137904BS	50	NA	NA	1	Water	53.000	53.207	11/14/2025	14:02
8	Q3551-04		NA	NA	10	Water	23.000	22.864	11/14/2025	14:02
9	Q3552-01		NA	NA	5	Water	77.000	77.481	11/14/2025	14:03
10	Q3552-02		NA	NA	1	Water	132.000	133.110	11/14/2025	14:03
11	Q3552-03		NA	NA	5	Water	43.000	43.093	11/14/2025	14:04
12	Q3552-04		NA	NA	5	Water	41.000	41.070	11/14/2025	14:04
13	Q3552-05		NA	NA	5	Water	49.000	49.161	11/14/2025	14:05
14	Q3569-01		NA	NA	1	Water	94.000	94.676	11/14/2025	14:05
15	Q3569-02		NA	NA	1	Water	105.000	105.801	11/14/2025	14:06
16	CCV2	50	NA	NA	1	Water	48.000	48.150	11/14/2025	14:06
17	CCB2		NA	NA	1	Water	1.000	0.613	11/14/2025	14:07
18	Q3578-01		NA	NA	10	Water	86.000	86.584	11/14/2025	14:07
19	Q3584-01		NA	NA	1	Water	9.000	8.704	11/14/2025	14:08
20	Q3584-02		NA	NA	1	Water	78.000	78.493	11/14/2025	14:08
21	Q3584-03		NA	NA	1	Water	76.000	76.470	11/14/2025	14:09
22	Q3584-07		NA	NA	50	Water	116.000	116.927	11/14/2025	14:09
23	Q3630-01		NA	NA	1	Water	26.000	25.898	11/14/2025	14:10
24	Q3630-03		NA	NA	1	Water	84.000	84.561	11/14/2025	14:10
25	Q3630-04		NA	NA	1	Water	79.000	79.504	11/14/2025	14:11
26	Q3630-05		NA	NA	1	Water	24.000	23.875	11/14/2025	14:11
27	Q3630-05DUP		NA	NA	1	Water	23.000	22.864	11/14/2025	14:12
28	CCV3	50	NA	NA	1	Water	48.000	48.150	11/14/2025	14:12
29	CCB3		NA	NA	1	Water	1.000	0.613	11/14/2025	14:13
30	Q3630-05MS	50	NA	NA	1	Water	68.000	68.378	11/14/2025	14:13
31	Q3630-05MSD	50	NA	NA	1	Water	67.000	67.367	11/14/2025	14:13
32	CCV4	50	NA	NA	1	Water	49.000	49.161	11/14/2025	14:14
33	CCB4		NA	NA	1	Water	0.000	-0.399	11/14/2025	14:14

WORKLIST(Hardcopy Internal Chain)

LB137904

WorkList Name : COD-111125

WorkList ID : 193045

Department : Wet-Chemistry

Date : 11-11-2025 11:37:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3578-01	MH-11172025	Water	COD	Conc H2SO4 to pH < 2	EURO03	D31	11/07/2025	SM5220 D
Q3552-01	MW-4	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	SM5220 D
Q3552-02	MW-8	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	SM5220 D
Q3552-03	MW-9	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	SM5220 D
Q3552-04	MW-10	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	SM5220 D
Q3552-05	MW-3	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/05/2025	SM5220 D
Q3569-01	MW-2	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	SM5220 D
Q3569-02	MW-12	Water	COD	Conc H2SO4 to pH < 2	REMI02	J22	11/05/2025	SM5220 D
Q3584-01	SW-1	Water	COD	Conc H2SO4 to pH < 2	REMI02	J22	11/05/2025	SM5220 D
Q3584-02	SW-2	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/06/2025	SM5220 D
Q3584-03	SW-3	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/07/2025	SM5220 D
Q3584-07	SEEP-1	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/07/2025	SM5220 D
Q3630-01	DSN002	Water	COD	Conc H2SO4 to pH < 2	REMI02	D41	11/07/2025	SM5220 D
Q3630-03	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D41	11/13/2025	SM5220 D
Q3630-04	DSN001	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D41	11/13/2025	SM5220 D
Q3630-05	DSN003	Water	COD	Conc H2SO4 to pH < 2	PSEG04	D41	11/13/2025	SM5220 D
Q3551-04	MANHOLE	Water	COD	Conc H2SO4 to pH < 2	SPEC01	D41	11/05/2025	SM5220 D

Date/Time 11/14/25 09:25
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 11/14/25 10:40
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

SOP ID : MSM4500-CN C,E-Cyanide-13

SDG No : N/A

Start Digest Date: 11/10/2025 Time : 08:15 Temp : 124 °C

Matrix : WATER

End Digest Date: 11/10/2025 Time : 09:45 Temp : 126 °C

Pipette ID : WC

Balance ID : N/A

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : MC-1, MC-2

Filter paper ID : N/A

Prep Technician Signature: 

Weigh By : N/A

pH Meter ID : N/A

Supervisor Signature: 12

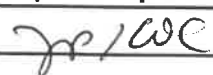
Standard Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP113838
MS/MSD SPIKE SOL.	0.40ML	WP113837
RL CHECK	50.0ML	WP115582
PBW	50.0ML	W3112
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
50% v/v H2SO4	5.0ML	WP115334
51% w/v MgCL2	2.0ML	WP115335
pH Paper 0-14	N/A	W3241
Nitrate/Nitrite Strip	N/A	W3182
Lead Acetate strip	N/A	W3134
KI-starch paper	N/A	W3155
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
S0	S0	N/A	N/A
S5.0	S5.0	N/A	N/A
S10.0	S10.0	N/A	N/A
S100.0	S100.0	N/A	N/A
S250.0	S250.0	N/A	N/A
S500.0	S500.0	N/A	N/A
ICV	ICV	0.5ML	W3012
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	2.5ML	WP113837
HIGHSTD	HIGHSTD	N/A	N/A
LOWSTD	LOWSTD	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/10/2025 09:55		RMCWC
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170465BL	PBW465	50	50	>12	Negative	Negative	Negative	N/A	N/A
PB170465BS	LCS465	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3584-01DUP	SW-1DUP	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3584-01MS	SW-1MS	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3584-01MSD	SW-1MSD	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3584-01	SW-1	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3584-02	SW-2	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3584-03	SW-3	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3584-05	FB-2	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3584-07	SEEP-1	50	50	>12	Negative	Negative	Negative	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : CN -3584

WorkList ID : 193008

Department : Distillation

Date : 11-10-2025 07:29:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3584-01	SW-1	Water	Cyanide	1:1 NaOH to pH >12	REMI02	D41	11/06/2025	SM4500-CN C
Q3584-02	SW-2	Water	Cyanide	1:1 NaOH to pH >12	REMI02		11/07/2025	SM4500-CN C
Q3584-03	SW-3	Water	Cyanide	1:1 NaOH to pH >12	REMI02	D41	11/07/2025	SM4500-CN C
Q3584-05	FB-2	Water	Cyanide	1:1 NaOH to pH >12	REMI02	D41	11/07/2025	SM4500-CN C
Q3584-07	SEEP-1	Water	Cyanide	1:1 NaOH to pH >12	REMI02	D41	11/07/2025	SM4500-CN C

Date/Time 11/10/2025 07:35
 Raw Sample Received by: CP Jm
 Raw Sample Relinquished by: CP Jm

Date/Time 11/10/2025 10:00
 Raw Sample Received by: CP Jm
 Raw Sample Relinquished by: CP Jm

SOP ID : MSM4500-N Org C-TKN-12

SDG No : N/A

Start Digest Date: 11/11/2025 Time : 08:10 Temp : 380 °C

Matrix : WATER

End Digest Date: 11/11/2025 Time : 09:40 Temp : 384 °C

Pipette ID : WC

Start Distillation Date: 11/11/2025 Time : 10:10 Temp : 150 °C

Balance ID : N/A

End Distillation Date: 11/11/2025 Time : 11:10 Temp : 160 °C

Hood ID : HOOD#2&3

Digestion tube ID : M5595

Block Thermometer ID : Therm#2(2179)

Block ID : WC-DIST-BLOCK-1

Filter paper ID : N/A

Prep Technician Signature: RM

Weigh By : N/A

pH Meter ID : N/A

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
TKN CAL STD	50.0ML	WP115592
TKN CCV STD	50.0ML	WP115593
TKN ICV STD	50.0ML	WP115594
TKN LCS STD	50.0ML	WP115595
MS/MSD SPIKE SOL.	0.25ML	WP115085

Chemical Used	ML/SAMPLE USED	Lot Number
TKN DIGESTION FLUID	10.0ML	WP113135
TKN DISTILLATION BUFFER	10.0ML	WP114445
H2SO4 0.04N	5.0ML	WP115336
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

RL CHECK 10ML FROM WP115593,ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER REAGENT WP114104,LOD115596,LOQ115597

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/11/2025 14:25	RM CWG	RM CWG
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170510BL	PBW510	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
PB170510BS	LCS510	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3530-07	LOD-MDL-WATER-01-QT4-20 25	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3530-08	LOQ-WATER-02-QT4-2025	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-01	MW-4	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-02	MW-8	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-03	MW-9	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-04	MW-10	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-04DUP	MW-10DUP	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-04MS	MW-10MS	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-04MSD	MW-10MSD	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3552-05	MW-3	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-01	SY-10D	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-03	SY-10S	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-05	SY-10I	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-07	SY-12I	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3560-09	SY-12D	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3569-01	MW-2	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3569-02	MW-12	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3584-01	SW-1	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3584-02	SW-2	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3584-03	SW-3	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q3584-07	SEEP-1	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TKN-11-10 WorkList ID : 193021 Department : Distillation Date : 11-10-2025 17:12:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3584-01	SW-1	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/06/2025	SM4500 N Org
Q3584-02	SW-2	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/07/2025	SM4500 N Org
Q3584-03	SW-3	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/07/2025	SM4500 N Org
Q3584-04	EB-2	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/06/2025	SM4500 N Org
Q3584-07	SEEP-1	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/07/2025	SM4500 N Org

Date/Time 11/11/2025 07:30
Raw Sample Received by: R. Lewis
Raw Sample Relinquished by: R. Lewis

Date/Time 11/11/2025 17:00
Raw Sample Received by: R. Lewis
Raw Sample Relinquished by: R. Lewis

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tkn-1107 WorkList ID : 192967 Department : Distillation Date : 11-07-2025 09:02:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3530-07	LOD-MDL-WATER-01-QT4-202	Water	TKN	Conc H2SO4 to pH < 2	ALLI03	QA 01	11/03/2025	SM4500 N Org
Q3530-08	LOQ-WATER-02-QT4-2025	Water	TKN	Conc H2SO4 to pH < 2	ALLI03	QA 01	11/03/2025	SM4500 N Org
Q3560-01	SY-10D	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	J22	11/05/2025	SM4500 N Org
Q3560-03	SY-10S	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	J22	11/05/2025	SM4500 N Org
Q3560-05	SY-10I	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	J22	11/05/2025	SM4500 N Org
Q3560-07	SY-12I	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	J22	11/05/2025	SM4500 N Org
Q3560-09	SY-12D	Water	TKN	Conc H2SO4 to pH < 2	LOCK01	J22	11/05/2025	SM4500 N Org
Q3552-01	MW-4	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	SM4500 N Org
Q3552-02	MW-8	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	SM4500 N Org
Q3552-03	MW-9	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	SM4500 N Org
Q3552-04	MW-10	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/05/2025	SM4500 N Org
Q3552-05	MW-3	Water	TKN	Conc H2SO4 to pH < 2	REMI02	D41	11/04/2025	SM4500 N Org
Q3569-01	MW-2	Water	TKN	Conc H2SO4 to pH < 2	REMI02	J22	11/05/2025	SM4500 N Org
Q3569-02	MW-12	Water	TKN	Conc H2SO4 to pH < 2	REMI02	J22	11/05/2025	SM4500 N Org

Date/Time 11/11/2025 Date/Time 11/11/2025 12:00
 Raw Sample Received by: RM(w17) Raw Sample Received by: JP(w07)
 Raw Sample Relinquished by: JP(w07) Raw Sample Relinquished by: RM(w17)

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-21

SDG No : N/A

Start Digest Date: 11/14/2025 **Time :** 10:05 **Temp :** 124 °C

Matrix : WATER

End Digest Date: 11/14/2025 **Time :** 11:35 **Temp :** 128 °C

Pipette ID : WC

Balance ID : N/A

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : MC-1,MC-2

Filter paper ID : N/A

Prep Technician Signature: 
Welgh By : N/A

pH Meter ID : N/A

Supervisor Signature: 

Standard Name	MLS USED	STD REF. # FROM LOG
LCSW	50.0ML	WP113838
PBW	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
50% v/v H2SO4	5.0ML	WP115334
51% w/v MgCL2	5.0ML	WP115335
pH Paper 0-14	N/A	W3241
Nitrate/Nitrite Strip	N/A	W3182
Lead Acetate strip	N/A	W3134
Lead Acetate strip	N/A	W3155
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
S0	S0	N/A	N/A
S5.0	S5.0	N/A	N/A
S10.0	S10.0	N/A	N/A
S100.0	S100.0	N/A	N/A
S250.0	S250.0	N/A	N/A
S500.0	S500.0	N/A	N/A
ICV	ICV	N/A	AS PER PB170546
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	N/A	N/A
HIGHSTD	HIGHSTD	N/A	AS PER PB170546
LOWSTD	LOWSTD	N/A	AS PER PB170546

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/14/2025 11:45	 / WC	RH (WC)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170563BL	PB170563BL	50	50	>12	Negative	Negative	Negative	N/A	N/A
PB170563BS	LCS563	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3584-04	EB-2	50	50	>12	Negative	Negative	Negative	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : CN-Q3584

WorkList ID : 193130

Department : Distillation

Date : 11-14-2025 08:23:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3584-04	EB-2	Water	Cyanide	1:1 NaOH to pH >12	REMI02		11/06/2025	9012B

Date/Time 11/14/2025 09:05
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 11/14/2025 11:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137832

Review By	rubina	Review On	11/10/2025 4:39:45 PM
Supervise By	Iwona	Supervise On	11/10/2025 4:42:11 PM
SubDirectory	LB137832	Test	Hexavalent Chromium
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP115550,WP115549,WP115547,WP115546,WP115554,WP115340,WP115548,WP115553,WP115551,WP115552		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	11/07/25 19:30		rubina	OK
2	CAL2	CAL2	CAL	11/07/25 19:30		rubina	OK
3	CAL3	CAL3	CAL	11/07/25 19:31		rubina	OK
4	CAL4	CAL4	CAL	11/07/25 19:31		rubina	OK
5	CAL5	CAL5	CAL	11/07/25 19:32		rubina	OK
6	CAL6	CAL6	CAL	11/07/25 19:32		rubina	OK
7	CAL7	CAL7	CAL	11/07/25 19:33		rubina	OK
8	ICV	ICV	ICV	11/07/25 19:33		rubina	OK
9	ICB	ICB	ICB	11/07/25 19:34		rubina	OK
10	CCV1	CCV1	CCV	11/07/25 19:34		rubina	OK
11	CCB1	CCB1	CCB	11/07/25 19:35		rubina	OK
12	RL Check	RL Check	RL	11/07/25 19:35		rubina	OK
13	LB137832BL	LB137832BL	MB	11/07/25 19:36		rubina	OK
14	LB137832BS	LB137832BS	LCS	11/07/25 19:36		rubina	OK
15	Q3584-01	SW-1	SAM	11/07/25 19:37		rubina	OK
16	Q3584-01DUP	SW-1DUP	DUP	11/07/25 19:37		rubina	OK
17	Q3584-01MS	SW-1MS	MS	11/07/25 19:38	2ML WP113880+98.0ML SAMPLE	rubina	OK
18	Q3584-01MSD	SW-1MSD	MSD	11/07/25 19:38	2ML WP113880+98.0ML SAMPLE	rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137832

Review By	rubina	Review On	11/10/2025 4:39:45 PM
Supervise By	Iwona	Supervise On	11/10/2025 4:42:11 PM
SubDirectory	LB137832	Test	Hexavalent Chromium
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP115550,WP115549,WP115547,WP115546,WP115554,WP115340,WP115548,WP115553,WP115551,WP115552		

19	Q3584-02	SW-2	SAM	11/07/25 19:39		rubina	OK
20	Q3584-03	SW-3	SAM	11/07/25 19:39		rubina	OK
21	Q3584-04	EB-2	SAM	11/07/25 19:40		rubina	OK
22	Q3584-05	FB-2	SAM	11/07/25 19:40		rubina	OK
23	CCV2	CCV2	CCV	11/07/25 19:41		rubina	OK
24	CCB2	CCB2	CCB	11/07/25 19:41		rubina	OK
25	Q3584-07	SEEP-1	SAM	11/07/25 19:42		rubina	OK
26	CCV3	CCV3	CCV	11/07/25 19:42		rubina	OK
27	CCB3	CCB3	CCB	11/07/25 19:43		rubina	OK

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137833

Review By	rubina	Review On	11/11/2025 12:51:43 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:07:42 PM
SubDirectory	LB137833	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP115441,WP115442,WP115443,WP115444,WP115445,WP115446,WP115447		
ICV Standard	WP115448		
CCV Standard	WP115574		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115575		
Chk Standard	WP115449,WP115450		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	11/03/25 15:58		RM/IZ	OK
2	STD2	STD2	CAL2	11/03/25 16:22		RM/IZ	OK
3	STD3	STD3	CAL3	11/03/25 17:04		RM/IZ	OK
4	STD4	STD4	CAL4	11/03/25 17:47		RM/IZ	OK
5	STD5	STD5	CAL5	11/03/25 18:08		RM/IZ	OK
6	STD6	STD6	CAL6	11/03/25 18:30		RM/IZ	OK
7	STD7	STD7	CAL7	11/03/25 18:51		RM/IZ	OK
8	ICV1	ICV1	ICV	11/03/25 19:13		RM/IZ	OK
9	ICB1	ICB1	ICB	11/03/25 19:34		RM/IZ	OK
10	CCV1	CCV1	CCV	11/07/25 15:28		RM/IZ	OK
11	CCB1	CCB1	CCB	11/07/25 15:49		RM/IZ	OK
12	LB137833BLW	LB137833BLW	MB	11/07/25 16:11		RM/IZ	OK
13	LB137833BSW	LB137833BSW	LCS	11/07/25 16:32		RM/IZ	OK
14	Q3584-01	SW-1	SAM	11/07/25 18:18		RM/IZ	OK
15	Q3584-02	SW-2	SAM	11/07/25 18:40		RM/IZ	OK
16	Q3584-02MS	SW-2MS	MS	11/07/25 19:01		RM/IZ	OK
17	Q3584-02MSD	SW-2MSD	MSD	11/07/25 19:23		RM/IZ	OK
18	Q3584-03	SW-3	SAM	11/07/25 19:45		RM/IZ	OK

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137833

Review By	rubina	Review On	11/11/2025 12:51:43 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:07:42 PM
SubDirectory	LB137833	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP115441,WP115442,WP115443,WP115444,WP115445,WP115446,WP115447		
ICV Standard	WP115448		
CCV Standard	WP115574		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115575		
Chk Standard	WP115449,WP115450		

19	Q3584-04	EB-2	SAM	11/07/25 20:06		RM/IZ	OK
20	Q3584-07	SEEP-1	SAM	11/07/25 20:28		RM/IZ	OK
21	CCV2	CCV2	CCV	11/07/25 20:49		RM/IZ	OK
22	CCB2	CCB2	CCB	11/07/25 21:11		RM/IZ	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137837

Review By	rubina	Review On	11/11/2025 12:53:44 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:07:52 PM
SubDirectory	LB137837	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115577,WP115578,WP115579,WP115580,WP115581,WP115582,WP115583		
ICV Standard	W3012		
CCV Standard	WP115578		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115157,WP114324,WP115585		

Sr#	SampleID	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	11/10/25 10:56		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	11/10/25 10:56		rubina	OK
3	10PPBCN	10PPBCN	CAL3	11/10/25 10:56		rubina	OK
4	50PPBCN	50PPBCN	CAL4	11/10/25 10:56		rubina	OK
5	100PPBCN	100PPBCN	CAL5	11/10/25 10:56		rubina	OK
6	250PPBCN	250PPBCN	CAL6	11/10/25 10:56		rubina	OK
7	500PPBCN	500PPBCN	CAL7	11/10/25 10:56		rubina	OK
8	ICV1	ICV1	ICV	11/10/25 12:47		rubina	OK
9	ICB1	ICB1	ICB	11/10/25 12:47		rubina	OK
10	CCV1	CCV1	CCV	11/10/25 12:47		rubina	OK
11	CCB1	CCB1	CCB	11/10/25 12:47		rubina	OK
12	RL	RL	LOQ	11/10/25 12:47		rubina	OK
13	PB170465BL	PB170465BL	MB	11/10/25 12:54		rubina	OK
14	PB170465BS	PB170465BS	LCS	11/10/25 12:54		rubina	OK
15	MIDPB170465	MIDPB170465	SAM	11/10/25 12:54		rubina	OK
16	Q3584-01	SW-1	SAM	11/10/25 12:55		rubina	OK
17	Q3584-01DUP	SW-1DUP	DUP	11/10/25 12:55		rubina	OK
18	Q3584-01MS	SW-1MS	MS	11/10/25 13:02		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137837

Review By	rubina	Review On	11/11/2025 12:53:44 PM
Supervise By	Iwona	Supervise On	11/11/2025 2:07:52 PM
SubDirectory	LB137837	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115577,WP115578,WP115579,WP115580,WP115581,WP115582,WP115583		
ICV Standard	W3012		
CCV Standard	WP115578		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115157,WP114324,WP115585		

19	Q3584-01MSD	SW-1MSD	MSD	11/10/25 13:02		rubina	OK
20	Q3584-02	SW-2	SAM	11/10/25 13:02		rubina	OK
21	Q3584-03	SW-3	SAM	11/10/25 13:02		rubina	OK
22	CCV2	CCV2	CCV	11/10/25 13:02		rubina	OK
23	CCB2	CCB2	CCB	11/10/25 13:02		rubina	OK
24	Q3584-05	FB-2	SAM	11/10/25 13:08		rubina	OK
25	Q3584-07	SEEP-1	SAM	11/10/25 13:08		rubina	OK
26	CCV3	CCV3	CCV	11/10/25 13:08		rubina	OK
27	CCB3	CCB3	CCB	11/10/25 13:08		rubina	OK

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137843

Review By	jignesh	Review On	11/11/2025 10:24:38 AM
Supervise By	Iwona	Supervise On	11/11/2025 1:02:22 PM
SubDirectory	LB137843	Test	pH
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	W3178,W3093,W3191,W3217,W3161,W3200		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	11/10/25 13:33		jignesh	OK
2	CAL2	CAL2	CAL	11/10/25 13:35		jignesh	OK
3	CAL3	CAL3	CAL	11/10/25 13:36		jignesh	OK
4	ICV	ICV	ICV	11/10/25 13:37		jignesh	OK
5	CCV1	CCV1	CCV	11/10/25 13:39		jignesh	OK
6	Q3569-01	MW-2	SAM	11/10/25 13:44		jignesh	OK
7	Q3569-02	MW-12	SAM	11/10/25 13:47		jignesh	OK
8	Q3574-01	304641-01 Liquid	SAM	11/10/25 13:55		jignesh	OK
9	Q3578-01	MH-1172025	SAM	11/10/25 14:00		jignesh	OK
10	Q3584-01	SW-1	SAM	11/10/25 14:10		jignesh	OK
11	Q3584-02	SW-2	SAM	11/10/25 14:15		jignesh	OK
12	Q3584-03	SW-3	SAM	11/10/25 14:22		jignesh	OK
13	Q3584-04	EB-2	SAM	11/10/25 14:25		jignesh	OK
14	Q3584-05	FB-2	SAM	11/10/25 14:30		jignesh	OK
15	Q3584-07	SEEP-1	SAM	11/10/25 14:37		jignesh	OK
16	CCV2	CCV2	CCV	11/10/25 14:40		jignesh	OK
17	Q3595-01	LAW-25-0176	SAM	11/10/25 14:48		jignesh	OK
18	Q3595-01DUP	LAW-25-0176DUP	DUP	11/10/25 14:50		jignesh	OK

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137843

Review By	jignesh	Review On	11/11/2025 10:24:38 AM
Supervise By	Iwona	Supervise On	11/11/2025 1:02:22 PM
SubDirectory	LB137843	Test	pH
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	W3178,W3093,W3191,W3217,W3161,W3200		

19	CCV3	CCV3	CCV	11/10/25 15:00		jignesh	OK
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Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB137845

Review By	jignesh	Review On	11/11/2025 12:57:35 PM
Supervise By	Iwona	Supervise On	11/11/2025 1:06:25 PM
SubDirectory	LB137845	Test	TDS
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	N/A		

Sr#	SampleID	ClientID	QcType	Date	Comment	Operator	Status
1	LB137845BL	LB137845BL	MB	11/10/25 11:30		jignesh	OK
2	LB137845BS	LB137845BS	LCS	11/10/25 11:30	WP115591	jignesh	OK
3	Q3569-01	MW-2	SAM	11/10/25 11:30		jignesh	OK
4	Q3569-02	MW-12	SAM	11/10/25 11:30		jignesh	OK
5	Q3584-01	SW-1	SAM	11/10/25 11:30		jignesh	OK
6	Q3584-02	SW-2	SAM	11/10/25 11:30		jignesh	OK
7	Q3584-03	SW-3	SAM	11/10/25 11:30		jignesh	OK
8	Q3584-03DUP	SW-3DUP	DUP	11/10/25 11:30		jignesh	OK
9	Q3584-07	SEEP-1	SAM	11/10/25 11:30		jignesh	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137870

Review By	rubina	Review On	11/12/2025 5:30:38 PM
Supervise By	Iwona	Supervise On	11/13/2025 1:15:12 PM
SubDirectory	LB137870	Test	TKN
STD. NAME	STD REF.#		
ICAL Standard	WP115592		
ICV Standard	WP115594		
CCV Standard	WP115593		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115595		
Chk Standard	WP115290,WP114133,WP113929,WP114132,WP115596,WP115597		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	11/12/25 10:23		rubina	OK
2	0.5PPM	0.5PPM	CAL2	11/12/25 10:23		rubina	OK
3	1.0PPM	1.0PPM	CAL3	11/12/25 10:23		rubina	OK
4	2.5PPM	2.5PPM	CAL4	11/12/25 10:23		rubina	OK
5	5.0PPM	5.0PPM	CAL5	11/12/25 10:23		rubina	OK
6	6.7PPM	6.7PPM	CAL6	11/12/25 10:23		rubina	OK
7	10.0PPM	10.0PPM	CAL7	11/12/25 10:23		rubina	OK
8	ICV1	ICV1	ICV	11/12/25 11:32		rubina	OK
9	ICB1	ICB1	ICB	11/12/25 11:32		rubina	OK
10	CCV1	CCV1	CCV	11/12/25 11:32		rubina	OK
11	CCB1	CCB1	CCB	11/12/25 11:32		rubina	OK
12	RL	RL	LOQ	11/12/25 11:32		rubina	OK
13	PB170510BL	PB170510BL	MB	11/12/25 11:32		rubina	OK
14	PB170510BS	PB170510BS	LCS	11/12/25 11:43		rubina	OK
15	Q3530-07	LOD-MDL-WATER-01	SAM	11/12/25 11:43		rubina	OK
16	Q3530-08	LOQ-WATER-02-QT4	LOQ	11/12/25 11:43		rubina	OK
17	Q3552-01	MW-4	SAM	11/12/25 11:43	TKN high, need dilution	rubina	Dilution
18	Q3552-02	MW-8	SAM	11/12/25 11:43	TKN high, need dilution	rubina	Dilution

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137870

Review By	rubina	Review On	11/12/2025 5:30:38 PM
Supervise By	Iwona	Supervise On	11/13/2025 1:15:12 PM
SubDirectory	LB137870	Test	TKN
STD. NAME	STD REF.#		
ICAL Standard	WP115592		
ICV Standard	WP115594		
CCV Standard	WP115593		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115595		
Chk Standard	WP115290,WP114133,WP113929,WP114132,WP115596,WP115597		

19	Q3552-03	MW-9	SAM	11/12/25 11:43	TKN high, need dilution	rubina	Dilution
20	Q3552-04	MW-10	SAM	11/12/25 11:43		rubina	OK
21	Q3552-04DUP	MW-10DUP	DUP	11/12/25 11:43		rubina	OK
22	CCV2	CCV2	CCV	11/12/25 11:54		rubina	OK
23	CCB2	CCB2	CCB	11/12/25 11:54		rubina	OK
24	Q3552-04MS	MW-10MS	MS	11/12/25 11:54		rubina	OK
25	Q3552-04MSD	MW-10MSD	MSD	11/12/25 11:54		rubina	OK
26	Q3552-05	MW-3	SAM	11/12/25 11:54	TKN high, need dilution	rubina	Dilution
27	Q3560-01	SY-10D	SAM	11/12/25 11:54		rubina	OK
28	Q3560-03	SY-10S	SAM	11/12/25 11:54		rubina	OK
29	Q3560-05	SY-10I	SAM	11/12/25 11:54		rubina	OK
30	Q3560-07	SY-12I	SAM	11/12/25 11:54	TKN high, need dilution	rubina	Dilution
31	Q3560-09	SY-12D	SAM	11/12/25 12:04		rubina	OK
32	Q3569-01	MW-2	SAM	11/12/25 12:04	TKN high, need dilution	rubina	Dilution
33	Q3569-02	MW-12	SAM	11/12/25 12:04	TKN high, need dilution	rubina	Dilution
34	CCV3	CCV3	CCV	11/12/25 12:04		rubina	OK
35	CCB3	CCB3	CCB	11/12/25 12:04		rubina	OK
36	Q3584-01	SW-1	SAM	11/12/25 12:04		rubina	OK
37	Q3584-02	SW-2	SAM	11/12/25 12:04		rubina	OK
38	Q3584-03	SW-3	SAM	11/12/25 12:04		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137870

Review By	rubina	Review On	11/12/2025 5:30:38 PM
Supervise By	Iwona	Supervise On	11/13/2025 1:15:12 PM
SubDirectory	LB137870	Test	TKN
STD. NAME	STD REF.#		
ICAL Standard	WP115592		
ICV Standard	WP115594		
CCV Standard	WP115593		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115595		
Chk Standard	WP115290,WP114133,WP113929,WP114132,WP115596,WP115597		

39	Q3584-07	SEEP-1	SAM	11/12/25 12:04	TKN high, need dilution	rubina	Dilution
40	PB170482BL	PB170482BL	MB	11/12/25 12:05		rubina	OK
41	PB170482BS	PB170482BS	LCS	11/12/25 12:05		rubina	OK
42	Q3483-07	HW1025-PT-NUT-SO	SAM	11/12/25 12:05	TKN high, need dilution	rubina	Dilution
43	Q3530-01	LOD-MDL-SOIL-01-Q	SAM	11/12/25 12:15		rubina	OK
44	Q3530-02	LOQ-SOIL-02-QT4-20	LOQ	11/12/25 12:15		rubina	OK
45	Q3586-02	SED-2	SAM	11/12/25 12:15	TKN high, need dilution	rubina	Dilution
46	CCV4	CCV4	CCV	11/12/25 12:15		rubina	OK
47	CCB4	CCB4	CCB	11/12/25 12:15		rubina	OK
48	Q3586-02DUP	SED-2DUP	DUP	11/12/25 12:15	TKN high, need dilution	rubina	Dilution
49	Q3586-02MS	SED-2MS	MS	11/12/25 12:15		rubina	OK
50	Q3586-02MSD	SED-2MSD	MSD	11/12/25 12:15		rubina	OK
51	Q3552-01DL	MW-4DL	SAM	11/12/25 12:15	20X For TKN	rubina	Confirms
52	Q3552-02DL	MW-8DL	SAM	11/12/25 12:15	2X For TKN	rubina	Confirms
53	Q3552-03DL	MW-9DL	SAM	11/12/25 12:15	10X For TKN	rubina	Confirms
54	Q3552-05DL	MW-3DL	SAM	11/12/25 12:26	10X For TKN	rubina	Confirms
55	Q3560-07DL	SY-12IDL	SAM	11/12/25 12:26	10X For TKN	rubina	Confirms
56	Q3569-01DL	MW-2DL	SAM	11/12/25 12:26	10X For TKN	rubina	Confirms
57	CCV5	CCV5	CCV	11/12/25 13:42		rubina	OK
58	CCB5	CCB5	CCB	11/12/25 13:42		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137870

Review By	rubina	Review On	11/12/2025 5:30:38 PM
Supervise By	Iwona	Supervise On	11/13/2025 1:15:12 PM
SubDirectory	LB137870	Test	TKN
STD. NAME	STD REF.#		
ICAL Standard	WP115592		
ICV Standard	WP115594		
CCV Standard	WP115593		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115595		
Chk Standard	WP115290,WP114133,WP113929,WP114132,WP115596,WP115597		

59	Q3569-02DL	MW-12DL	SAM	11/12/25 13:42	10X For TKN	rubina	Confirms
60	Q3483-07DL	HW1025-PT-NUT-SO	SAM	11/12/25 13:42	10X For TKN	rubina	Confirms
61	Q3586-02DL	SED-2DL	SAM	11/12/25 13:42	5X For TKN	rubina	Confirms
62	Q3586-02DUPDL	SED-2DUPDL	DUP	11/12/25 13:42	5X For TKN	rubina	Confirms
63	Q3584-07DL	SEEP-1DL	SAM	11/12/25 13:42	20X For TKN	rubina	Confirms
64	CCV6	CCV6	CCV	11/12/25 13:42		rubina	OK
65	CCB6	CCB6	CCB	11/12/25 13:45		rubina	OK

Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QC Batch ID # LB137871

Review By	rubina	Review On	11/12/2025 5:02:23 PM
Supervise By	Iwona	Supervise On	11/12/2025 5:02:41 PM
SubDirectory	LB137871	Test	BOD5
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP115513,W3149,WP115342,W3103,W3109,W3248,WP115515,WP115514,WP113878		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137871BL	LB137871BL	MB	11/07/25 19:00		rubina	OK
2	LB137871BS	LB137871BS	LCS	11/07/25 19:00		rubina	OK
3	Q3575-01	001 Willets Pt Blvd (N	SAM	11/07/25 19:00		rubina	OK
4	Q3575-02	002 35th Ave (Nov)	SAM	11/07/25 19:00		rubina	OK
5	Q3578-01	MH-1172025	SAM	11/07/25 19:00		rubina	OK
6	Q3578-01DUP	MH-1172025DUP	DUP	11/07/25 19:00		rubina	OK
7	Q3584-01	SW-1	SAM	11/07/25 19:00		rubina	OK
8	Q3584-02	SW-2	SAM	11/07/25 19:00		rubina	OK
9	Q3584-03	SW-3	SAM	11/07/25 19:00		rubina	OK
10	Q3584-05	FB-2	SAM	11/07/25 19:00		rubina	OK
11	Q3584-07	SEEP-1	SAM	11/07/25 19:00		rubina	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB137877

Review By	jignesh	Review On	11/13/2025 3:41:31 PM
Supervise By	Iwona	Supervise On	11/13/2025 4:58:34 PM
SubDirectory	LB137877	Test	Oil and Grease
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	W3240,M6069,EP2655,WP115016,N/A,N/A,WP115017,N/A,WP115018		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB137877BL	LB137877BL	MB	11/13/25 10:00		jignesh	OK
2	LB137877BS	LB137877BS	LCS	11/13/25 10:00		jignesh	OK
3	Q3530-09	MDL-WATER-03-QT4	SAM	11/13/25 10:00		jignesh	OK
4	Q3569-01	MW-2	SAM	11/13/25 10:00		jignesh	OK
5	Q3569-02	MW-12	SAM	11/13/25 10:00		jignesh	OK
6	Q3575-01	001 Willets Pt Blvd (N	SAM	11/13/25 10:00		jignesh	OK
7	Q3575-02	002 35th Ave (Nov)	SAM	11/13/25 10:00		jignesh	OK
8	Q3578-01	MH-1172025	SAM	11/13/25 10:00		jignesh	OK
9	Q3578-02	Q3578-01MS	MS	11/13/25 10:00		jignesh	OK
10	Q3578-03	Q3578-01MSD	MSD	11/13/25 10:00		jignesh	OK
11	Q3584-07	SEEP-1	SAM	11/13/25 10:00		jignesh	OK
12	Q3616-01	OIL AND GREASE-1	SAM	11/13/25 10:00		jignesh	OK
13	Q3616-02	OIL AND GREASE-2	SAM	11/13/25 10:00		jignesh	OK
14	Q3616-03	OIL AND GREASE-3	SAM	11/13/25 10:00		jignesh	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137901

Review By	rubina	Review On	11/17/2025 12:49:26 PM
Supervise By	Iwona	Supervise On	11/17/2025 1:46:33 PM
SubDirectory	LB137901	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115660,WP115661,WP115662,WP115663,WP115664,WP115665,WP115666		
ICV Standard	W3012		
CCV Standard	WP115661		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115157,WP114324,WP115668		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	11/14/25 09:19		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	11/14/25 09:19		rubina	OK
3	10PPBCN	10PPBCN	CAL3	11/14/25 09:19		rubina	OK
4	50PPBCN	50PPBCN	CAL4	11/14/25 09:19		rubina	OK
5	100PPBCN	100PPBCN	CAL5	11/14/25 09:19		rubina	OK
6	250PPBCN	250PPBCN	CAL6	11/14/25 09:19		rubina	OK
7	500PPBCN	500PPBCN	CAL7	11/14/25 09:19		rubina	OK
8	ICV1	ICV1	ICV	11/14/25 11:56		rubina	OK
9	ICB1	ICB1	ICB	11/14/25 11:56		rubina	OK
10	CCV1	CCV1	CCV	11/14/25 11:56		rubina	OK
11	CCB1	CCB1	CCB	11/14/25 11:56		rubina	OK
12	PB170546BL	PB170546BL	MB	11/14/25 11:56		rubina	OK
13	PB170546BS	PB170546BS	LCS	11/14/25 11:57		rubina	OK
14	LOWPB170546	LOWPB170546	SAM	11/14/25 12:04		rubina	OK
15	HIGHPB170546	HIGHPB170546	SAM	11/14/25 12:04		rubina	OK
16	Q3609-01	AU-713-COMP-01	SAM	11/14/25 12:04		rubina	OK
17	Q3609-01DUP	AU-713-COMP-01DU	DUP	11/14/25 12:04		rubina	OK
18	Q3609-01MS	AU-713-COMP-01MS	MS	11/14/25 12:12		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137901

Review By	rubina	Review On	11/17/2025 12:49:26 PM
Supervise By	Iwona	Supervise On	11/17/2025 1:46:33 PM
SubDirectory	LB137901	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115660,WP115661,WP115662,WP115663,WP115664,WP115665,WP115666		
ICV Standard	W3012		
CCV Standard	WP115661		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115157,WP114324,WP115668		

19	Q3609-01MSD	AU-713-COMP-01MS	MSD	11/14/25 12:12		rubina	OK
20	Q3609-04	AU-713-COMP-02	SAM	11/14/25 12:12		rubina	OK
21	Q3609-07	AU-713-COMP-03	SAM	11/14/25 12:12		rubina	OK
22	CCV2	CCV2	CCV	11/14/25 12:12		rubina	OK
23	CCB2	CCB2	CCB	11/14/25 12:19		rubina	OK
24	Q3609-10	AU-713-COMP-04	SAM	11/14/25 12:19		rubina	OK
25	Q3609-13	AU-713-COMP-05	SAM	11/14/25 12:19		rubina	OK
26	Q3618-01	EME-TOP-SOIL	SAM	11/14/25 12:19		rubina	OK
27	Q3618-02	EME-GENERAL-FILL	SAM	11/14/25 12:19		rubina	OK
28	Q3621-02	VNJ-231	SAM	11/14/25 12:19		rubina	OK
29	Q3624-01	OK-02-11122025	SAM	11/14/25 12:19		rubina	OK
30	Q3631-01	VNJ-202	SAM	11/14/25 12:19		rubina	OK
31	Q3631-03	VNJ-208	SAM	11/14/25 12:19		rubina	OK
32	Q3633-01	ETGI-369	SAM	11/14/25 12:19		rubina	OK
33	Q3633-03	ETGI-342	SAM	11/14/25 12:27		rubina	OK
34	CCV3	CCV3	CCV	11/14/25 12:27		rubina	OK
35	CCB3	CCB3	CCB	11/14/25 12:27		rubina	OK
36	Q3633-05	ETGI-368	SAM	11/14/25 12:27		rubina	OK
37	Q3641-01	TR-05-111325	SAM	11/14/25 12:27		rubina	OK
38	PB170563BL	PB170563BL	MB	11/14/25 12:34		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137901

Review By	rubina	Review On	11/17/2025 12:49:26 PM
Supervise By	Iwona	Supervise On	11/17/2025 1:46:33 PM
SubDirectory	LB137901	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115660,WP115661,WP115662,WP115663,WP115664,WP115665,WP115666		
ICV Standard	W3012		
CCV Standard	WP115661		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115157,WP114324,WP115668		

39	PB170563BS	PB170563BS	LCS	11/14/25 12:34		rubina	OK
40	Q3584-04	EB-2	SAM	11/14/25 12:34		rubina	OK
41	CCV4	CCV4	CCV	11/14/25 12:39		rubina	OK
42	CCB4	CCB4	CCB	11/14/25 12:40		rubina	OK

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QC Batch ID # LB137904

Review By	Iwona	Review On	11/14/2025 2:58:02 PM
Supervise By	JIGNESH	Supervise On	11/14/2025 3:20:04 PM
SubDirectory	LB137904	Test	COD
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP114659,WP114658,WP114656,WP114655,WP114654,WP114661,WP114657,WP115676,WP115677,WP115678,V		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	09/08/25 13:30		Iwona	OK
2	CAL2	CAL2	CAL	09/08/25 13:30		Iwona	OK
3	CAL3	CAL3	CAL	09/08/25 13:31		Iwona	OK
4	CAL4	CAL4	CAL	09/08/25 13:31		Iwona	OK
5	CAL5	CAL5	CAL	09/08/25 13:32		Iwona	OK
6	CAL6	CAL6	CAL	09/08/25 13:32		Iwona	OK
7	ICV	ICV	ICV	09/08/25 13:33		Iwona	OK
8	ICB	ICB	ICB	09/08/25 13:33		Iwona	OK
9	CCV1	CCV1	CCV	11/14/25 14:00		Iwona	OK
10	CCB1	CCB1	CCB	11/14/25 14:00		Iwona	OK
11	RL Check	RL Check	RL	11/14/25 14:01		Iwona	OK
12	LB137904BL	LB137904BL	MB	11/14/25 14:01		Iwona	OK
13	LB137904BS	LB137904BS	LCS	11/14/25 14:02		Iwona	OK
14	Q3551-04	MANHOLE	SAM	11/14/25 14:02		Iwona	OK
15	Q3552-01	MW-4	SAM	11/14/25 14:03		Iwona	OK
16	Q3552-02	MW-8	SAM	11/14/25 14:03		Iwona	OK
17	Q3552-03	MW-9	SAM	11/14/25 14:04		Iwona	OK
18	Q3552-04	MW-10	SAM	11/14/25 14:04		Iwona	OK

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QC Batch ID # LB137904

Review By	Iwona	Review On	11/14/2025 2:58:02 PM
Supervise By	JIGNESH	Supervise On	11/14/2025 3:20:04 PM
SubDirectory	LB137904	Test	COD
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP114659,WP114658,WP114656,WP114655,WP114654,WP114661,WP114657,WP115676,WP115677,WP115678,V		

19	Q3552-05	MW-3	SAM	11/14/25 14:05		Iwona	OK
20	Q3569-01	MW-2	SAM	11/14/25 14:05		Iwona	OK
21	Q3569-02	MW-12	SAM	11/14/25 14:06		Iwona	OK
22	CCV2	CCV2	CCV	11/14/25 14:06		Iwona	OK
23	CCB2	CCB2	CCB	11/14/25 14:07		Iwona	OK
24	Q3578-01	MH-1172025	SAM	11/14/25 14:07		Iwona	OK
25	Q3584-01	SW-1	SAM	11/14/25 14:08		Iwona	OK
26	Q3584-02	SW-2	SAM	11/14/25 14:08		Iwona	OK
27	Q3584-03	SW-3	SAM	11/14/25 14:09		Iwona	OK
28	Q3584-07	SEEP-1	SAM	11/14/25 14:09		Iwona	OK
29	Q3630-01	DSN002	SAM	11/14/25 14:10		Iwona	OK
30	Q3630-03	DSN001	SAM	11/14/25 14:10		Iwona	OK
31	Q3630-04	DSN001	SAM	11/14/25 14:11		Iwona	OK
32	Q3630-05	DSN003	SAM	11/14/25 14:11		Iwona	OK
33	Q3630-05DUP	DSN003DUP	DUP	11/14/25 14:12		Iwona	OK
34	CCV3	CCV3	CCV	11/14/25 14:12		Iwona	OK
35	CCB3	CCB3	CCB	11/14/25 14:13		Iwona	OK
36	Q3630-05MS	DSN003MS	MS	11/14/25 14:13	0.5ml WP115676 + 9.5ml Sample	Iwona	OK
37	Q3630-05MSD	DSN003MSD	MSD	11/14/25 14:13	0.5ml WP115676 + 9.5ml Sample	Iwona	OK

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QC Batch ID # LB137904

Review By	Iwona	Review On	11/14/2025 2:58:02 PM
Supervise By	JIGNESH	Supervise On	11/14/2025 3:20:04 PM
SubDirectory	LB137904	Test	COD
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP114659,WP114658,WP114656,WP114655,WP114654,WP114661,WP114657,WP115676,WP115677,WP115678,V		

38	CCV4	CCV4	CCV	11/14/25 14:14		Iwona	OK
39	CCB4	CCB4	CCB	11/14/25 14:14		Iwona	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Remington & Vemick Engineers

ADDRESS: 2059 Springdale Road

CITY: Cherry Hill STATE: NJ ZIP: 08003

ATTENTION: byle.canson@ne.com

PHONE: 609-682-3049 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Edison Landfill

PROJECT NO.: 1205T007 LOCATION: Edison, NJ

PROJECT MANAGER: Leslie Hartzell

e-mail: Leslie.Hartzell@ne.com

PHONE: 610-663-4145 FAX:

CLIENT BILLING INFORMATION

BILL TO: APinow@ne.com PO#: 1205T007

ADDRESS: 2059 Springdale Road

CITY: Cherry Hill STATE: NJ ZIP: 08003

ATTENTION: Leslie Hartzell PHONE: 610-663-4665

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*

HARDCOPY (DATA PACKAGE): STAT _____ DAYS*

EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)

☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP

☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B

+ Raw Data) ☐ Other

☒ EDD FORMAT: NJ HOTS+P

1. TOTAL+30
2. EPA
3. VOCs
4. Hexachloro
5. TALNEALS
6. Cyanide
7. COD
8. TKN
9. Oil & Grease

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		E	A	A	F	B	D	C	C	C	← Specify Preservatives A-HCl B-HNO3 C-H2SO4	D-NaOH E-ICE F-OTHER
								1	2	3	4	5	6	7	8	9		
1.	SW-1	SW		X	11/6/25	14:15	15	7	1	2	1	1	1	1	1			
2.	SW-2	SW		X	11/7/25	8:30	15	7	1	2	1	1	1	1	1			
3.	SW-3	SW		X	11/7/25	8:15	15	7	1	2	1	1	1	1	1			
4.	EB-2	GW		X	11/6/25	15:25	8	3		2	1	1	1				equipment blank	
5.	FB-2	GW		X	11/7/25	8:55	11	3		5	1	1	1				field blank	
6.	TB-3	GW		X	11/7/25	8:00	2			2							trip blank	
7.	SEEP-1	GW		X	11/7/25	10:40	15	7		2	1	1	1	1	1	1		
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. Arina Narex	DATE/TIME: 11/7/25 (10:00)	RECEIVED BY: 1.	Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.5 + 0 = 3.5
RELINQUISHED BY SAMPLER: 2.	DATE/TIME: 11-7-25	RECEIVED BY: JT	Comments:
RELINQUISHED BY SAMPLER: 3. JT	DATE/TIME: 11-7-25	RECEIVED BY: 3.	

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

Laboratory Certification

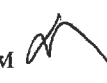
Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3584	REMI02	Order Date : 11/7/2025 3:17:00 PM	Project Mgr : Yazmeen
Client Name : Remington & Vernick Engi		Project Name : Edison Landfill	Report Type : NJ Reduced
Client Contact : Kyle Carlson		Receive DateTime : 11/7/2025 12:00:00 AM <i>dm</i>	EDD Type : Excel NJ
Invoice Name : Remington & Vernick Engi		Purchase Order : 17:20	Hard Copy Date :
Invoice Contact : Kyle Carlson			Date Signoff : 11/7/2025 4:43:47 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3584-01	SW-1	Water	11/06/2025	14:15	VOC-TCLVOA-10	TCL+30/TAL	8260-Low		10 Bus. Days
Q3584-02	SW-2	Water	11/07/2025	08:30	VOC-TCLVOA-10	TCL+30/TAL	8260-Low		10 Bus. Days
Q3584-03	SW-3	Water	11/07/2025	08:15	VOC-TCLVOA-10	TCL+30/TAL	8260-Low		10 Bus. Days
Q3584-04	EB-2	Water	11/06/2025	15:25	VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q3584-05	FB-2	Water	11/07/2025	08:55	VOC-TCLVOA-10	TCL+30/TAL	8260-Low		10 Bus. Days
Q3584-06	TB-3	Water	11/07/2025	08:00	VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q3584-07	SEEP-1	Water	11/07/2025	10:40	VOC-TCLVOA-10	TCL+30/TAL	8260-Low		10 Bus. Days

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3584	REMI02	Order Date : 11/7/2025 3:17:00 PM	Project Mgr : Yazmeen
Client Name : Remington & Vernick Engi		Project Name : Edison Landfill	Report Type : NJ Reduced
Client Contact : Kyle Carlson		Receive DateTime : 11/7/2025 12:00:00 AM 	EDD Type : Excel NJ
Invoice Name : Remington & Vernick Engi		Purchase Order : 17:20	Hard Copy Date :
Invoice Contact : Kyle Carlson			Date Signoff : 11/7/2025 4:43:47 PM

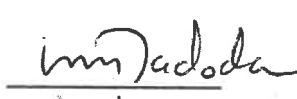
LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
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*Stored in VOA
Ref # 04*

Relinquished By :

Date / Time : 11/10/25 10:35 

Received By :

Date / Time : 11/10/25 10:35 

Storage Area : VOA Refridgerator Room