

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:	Q3341	OrderDate:	10/14/2025 12:11:00 PM
Client:	Kleinfelder	Project:	Webster School
Contact:	Mark Warchol	Location:	J12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3341-01	C-1	SOIL			10/13/25 09:45			10/14/25
			Ammonia	SM4500-NH3		10/15/25	10/15/25 17:40	
			Anions Group1	9056A			10/15/25 10:37	
			Hexavalent Chromium	7196A		10/14/25	10/15/25 11:47	
			Trivalent Chromium	6010D			10/15/25 19:15	
Q3341-01DL	C-1DL	SOIL			10/13/25 09:45			10/14/25
			Anions Group1	9056A			10/15/25 12:25	
Q3341-02	C-2	SOIL			10/13/25 10:10			10/14/25
			Ammonia	SM4500-NH3		10/15/25	10/15/25 17:40	
			Anions Group1	9056A			10/15/25 11:42	
			Hexavalent Chromium	7196A		10/14/25	10/15/25 11:49	
			Trivalent Chromium	6010D			10/15/25 19:19	
Q3341-03	C-3	SOIL			10/13/25 10:35			10/14/25
			Ammonia	SM4500-NH3		10/15/25	10/15/25 17:40	
			Anions Group1	9056A			10/15/25 12:03	

LAB CHRONICLE

Hexavalent Chromium	7196A	10/14/25	10/15/25 11:50
Trivalent Chromium	6010D		10/15/25 19:23



SAMPLE DATA

Report of Analysis

Client: Kleinfelder
Project: Webster School
Client Sample ID: C-1
Lab Sample ID: Q3341-01

Date Collected: 10/13/25 09:45
Date Received: 10/14/25
SDG No.: Q3341
Matrix: SOIL
% Solid: 78.9

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.70	U	1	2.70	6.20	mg/Kg	10/15/25 09:00	10/15/25 17:40	SM 4500-NH3 B plus G-21
Chloride	746	OR	1	4.40	15.1	mg/Kg		10/15/25 10:37	9056A
Fluoride	7.90	J	1	2.20	10.1	mg/Kg		10/15/25 10:37	9056A
Sulfate	27.4	J	1	11.0	75.4	mg/Kg		10/15/25 10:37	9056A
Hexavalent Chromium	0.088	U	1	0.088	0.50	mg/Kg	10/14/25 15:20	10/15/25 11:47	7196A
Trivalent Chromium	19.1		1	0.63	0.63	mg/Kg		10/15/25 19:15	6010D

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

Report of Analysis

Client: Kleinfelder
Project: Webster School
Client Sample ID: C-1DL
Lab Sample ID: Q3341-01DL

Date Collected: 10/13/25 09:45
Date Received: 10/14/25
SDG No.: Q3341
Matrix: SOIL
% Solid: 78.9

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	675	D	10	43.6	151	mg/Kg		10/15/25 12:25	9056A

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

Report of Analysis

Client: Kleinfelder
Project: Webster School
Client Sample ID: C-2
Lab Sample ID: Q3341-02

Date Collected: 10/13/25 10:10
Date Received: 10/14/25
SDG No.: Q3341
Matrix: SOIL
% Solid: 82.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.60	U	1	2.60	5.90	mg/Kg	10/15/25 09:00	10/15/25 17:40	SM 4500-NH3 B plus G-21
Chloride	43.8		1	4.20	14.4	mg/Kg		10/15/25 11:42	9056A
Fluoride	4.70	J	1	2.10	9.60	mg/Kg		10/15/25 11:42	9056A
Sulfate	20.2	J	1	10.5	72.1	mg/Kg		10/15/25 11:42	9056A
Hexavalent Chromium	0.084	U	1	0.084	0.48	mg/Kg	10/14/25 15:20	10/15/25 11:49	7196A
Trivalent Chromium	19.7		1	0.61	0.61	mg/Kg		10/15/25 19:19	6010D

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

Report of Analysis

Client: Kleinfelder
Project: Webster School
Client Sample ID: C-3
Lab Sample ID: Q3341-03

Date Collected: 10/13/25 10:35
Date Received: 10/14/25
SDG No.: Q3341
Matrix: SOIL
% Solid: 80.1

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2.70	U	1	2.70	6.10	mg/Kg	10/15/25 09:00	10/15/25 17:40	SM 4500-NH3 B plus G-21
Chloride	38.7		1	4.30	15.0	mg/Kg		10/15/25 12:03	9056A
Fluoride	2.20	J	1	2.20	10.0	mg/Kg		10/15/25 12:03	9056A
Sulfate	30.2	J	1	10.9	74.9	mg/Kg		10/15/25 12:03	9056A
Hexavalent Chromium	0.085	U	1	0.085	0.49	mg/Kg	10/14/25 15:20	10/15/25 11:50	7196A
Trivalent Chromium	16.0		1	0.62	0.62	mg/Kg		10/15/25 19:23	6010D

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: Kleinfelder

SDG No.: Q3341

Project: Webster School

RunNo.: LB137519

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	9.8	10	98	90-110	10/09/2025
Chloride	mg/L	2.9	3	97	90-110	10/09/2025
Fluoride	mg/L	2	2	100	90-110	10/09/2025
Nitrite	mg/L	2.9	3	97	90-110	10/09/2025
Nitrate	mg/L	2.4	2.5	96	90-110	10/09/2025
Sulfate	mg/L	14.7	15	98	90-110	10/09/2025
Orthophosphate as P	mg/L	5	5	100	90-110	10/09/2025
Sample ID: CCV1						
Bromide	mg/L	10.2	10	102	90-110	10/15/2025
Chloride	mg/L	3	3	100	90-110	10/15/2025
Fluoride	mg/L	2	2	100	90-110	10/15/2025
Nitrite	mg/L	3	3	100	90-110	10/15/2025
Nitrate	mg/L	2.5	2.5	100	90-110	10/15/2025
Sulfate	mg/L	15	15	100	90-110	10/15/2025
Orthophosphate as P	mg/L	4.9	5	98	90-110	10/15/2025
Sample ID: CCV2						
Bromide	mg/L	10.2	10	102	90-110	10/15/2025
Chloride	mg/L	3	3	100	90-110	10/15/2025
Fluoride	mg/L	2	2	100	90-110	10/15/2025
Nitrite	mg/L	3	3	100	90-110	10/15/2025
Nitrate	mg/L	2.5	2.5	100	90-110	10/15/2025
Sulfate	mg/L	15	15	100	90-110	10/15/2025
Orthophosphate as P	mg/L	5	5	100	90-110	10/15/2025

Initial and Continuing Calibration Verification

Client: Kleinfelder

SDG No.: Q3341

Project: Webster School

RunNo.: LB137525

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.495	0.5	99	90-110	10/15/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.491	0.5	98	90-110	10/15/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.493	0.5	99	90-110	10/15/2025
Sample ID: CCV3 Hexavalent Chromium	mg/L	0.488	0.5	98	90-110	10/15/2025

Initial and Continuing Calibration Verification

Client: Kleinfelder

SDG No.: Q3341

Project: Webster School

RunNo.: LB137539

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Ammonia as N	mg/L	1	1	100	90-110	10/15/2025
Sample ID: CCV1 Ammonia as N	mg/L	0.99	1	99	90-110	10/15/2025
Sample ID: CCV2 Ammonia as N	mg/L	1	1	100	90-110	10/15/2025
Sample ID: CCV3 Ammonia as N	mg/L	1	1	100	90-110	10/15/2025

Initial and Continuing Calibration Blank Summary

Client: Kleinfelder

SDG No.: Q3341

Project: Webster School

RunNo.: LB137519

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	10/09/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/09/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/09/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/09/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/09/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/09/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/09/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/15/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/15/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/15/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/15/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/15/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/15/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/15/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/15/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/15/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/15/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/15/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/15/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/15/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/15/2025

Initial and Continuing Calibration Blank Summary

Client: Kleinfelder

SDG No.: Q3341

Project: Webster School

RunNo.: LB137525

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	10/15/2025
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/15/2025
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/15/2025
Sample ID: CCB3 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/15/2025

Initial and Continuing Calibration Blank Summary

Client: Kleinfelder

SDG No.: Q3341

Project: Webster School

RunNo.: LB137539

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/15/2025
Sample ID: CCB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/15/2025
Sample ID: CCB2 Ammonia as N	mg/L	0.03	0.0500	J	0.030	0.1	10/15/2025
Sample ID: CCB3 Ammonia as N	mg/L	0.033	0.0500	J	0.030	0.1	10/15/2025

Preparation Blank Summary

Client: Kleinfelder

SDG No.: Q3341

Project: Webster School

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137519BLS							
Bromide	mg/Kg	< 20.0000	20.0000	U	7	40	10/15/2025
Chloride	mg/Kg	< 6.0000	6.0000	U	3.5	12	10/15/2025
Fluoride	mg/Kg	< 4.0000	4.0000	U	1.8	8	10/15/2025
Nitrite	mg/Kg	< 6.0000	6.0000	U	1.5	12	10/15/2025
Nitrate	mg/Kg	< 5.0000	5.0000	U	1.8	10	10/15/2025
Sulfate	mg/Kg	< 30.0000	30.0000	U	8.8	60	10/15/2025
Orthophosphate as P	mg/Kg	< 10.0000	10.0000	U	6.7	20	10/15/2025
Sample ID: PB170093BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	10/15/2025
Sample ID: PB170110BL							
Ammonia as N	mg/Kg	< 2.5000	2.5000	U	2.2	5	10/15/2025

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	Q3341
Project:	Webster School	Sample ID:	Q3341-01
Client ID:	C-1MS	Percent Solids for Spike Sample:	78.9

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/Kg	80-120	256		8.80	U	250	1	102		10/15/2025
Chloride	mg/Kg	80-120	803	OR	746	OR	75.9	1	75	*	10/15/2025
Fluoride	mg/Kg	80-120	52.6		7.90	J	50.6	1	88		10/15/2025
Nitrite	mg/Kg	80-120	76.5		1.90	U	75.9	1	101		10/15/2025
Nitrate	mg/Kg	80-120	63.0		2.30	U	63.2	1	100		10/15/2025
Sulfate	mg/Kg	80-120	393		27.4	J	380	1	96		10/15/2025
Orthophosphate as P	mg/Kg	80-120	108		8.40	U	130	1	83		10/15/2025

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	Q3341
Project:	Webster School	Sample ID:	Q3341-01
Client ID:	C-1MS	Percent Solids for Spike Sample:	78.9

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	1550		0.088	U	1630	40	95		10/15/2025

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	Q3341
Project:	Webster School	Sample ID:	Q3341-01
Client ID:	C-1MS	Percent Solids for Spike Sample:	78.9

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	85-115	46.6		0.088	U	50.7	2	92		10/15/2025

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	Q3341
Project:	Webster School	Sample ID:	Q3341-01
Client ID:	C-1MSD	Percent Solids for Spike Sample:	78.9

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/Kg	80-120	255		8.80	U	250	1	102		10/15/2025
Chloride	mg/Kg	80-120	799	OR	746	OR	75.6	1	70	*	10/15/2025
Fluoride	mg/Kg	80-120	52.2		7.90	J	50.4	1	88		10/15/2025
Nitrite	mg/Kg	80-120	76.1		1.90	U	75.6	1	101		10/15/2025
Nitrate	mg/Kg	80-120	62.8		2.30	U	63	1	100		10/15/2025
Sulfate	mg/Kg	80-120	391		27.4	J	380	1	96		10/15/2025
Orthophosphate as P	mg/Kg	80-120	108		8.40	U	130	1	83		10/15/2025

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	Q3341
Project:	Webster School	Sample ID:	Q3341-01
Client ID:	C-1MS	Percent Solids for Spike Sample:	78.9

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	40.1		0.088	U	50.7	2	79		10/15/2025

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	Q3341
Project:	Webster School	Sample ID:	Q3341-03
Client ID:	C-3MS	Percent Solids for Spike Sample:	80.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/Kg	75-125	63.1		2.70	U	61.8	1	102		10/15/2025

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	Q3341
Project:	Webster School	Sample ID:	Q3341-03
Client ID:	C-3MSD	Percent Solids for Spike Sample:	80.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/Kg	75-125	62.5		2.70	U	61.2	1	102		10/15/2025

Duplicate Sample Summary

Client: Kleinfelder Project: Webster School Client ID: C-1DUP	SDG No.: Q3341 Sample ID: Q3341-01 Percent Solids for Spike Sample: 78.9
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Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.088	U	0.088	U	1	0		10/15/2025

Duplicate Sample Summary

Client: Kleinfelder Project: Webster School Client ID: C-1MSD	SDG No.: Q3341 Sample ID: Q3341-01 Percent Solids for Spike Sample: 78.9
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Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Bromide	mg/Kg	+/-15	256		255		1	0		10/15/2025
Nitrate	mg/Kg	+/-15	63.0		62.8		1	0		10/15/2025
Orthophosphate as P	mg/Kg	+/-15	108		108		1	0		10/15/2025
Chloride	mg/Kg	+/-15	803	OR	799	OR	1	0		10/15/2025
Fluoride	mg/Kg	+/-15	52.6		52.2		1	1		10/15/2025
Nitrite	mg/Kg	+/-15	76.5		76.1		1	1		10/15/2025
Sulfate	mg/Kg	+/-15	393		391		1	1		10/15/2025

Duplicate Sample Summary

Client: Kleinfelder	SDG No.: Q3341
Project: Webster School	Sample ID: Q3341-03
Client ID: C-3DUP	Percent Solids for Spike Sample: 80.1

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ammonia as N	mg/Kg	+/-20	2.70	U	2.70	U	1	0		10/15/2025

Duplicate Sample Summary

Client:	Kleinfelder	SDG No.:	Q3341
Project:	Webster School	Sample ID:	Q3341-03
Client ID:	C-3MSD	Percent Solids for Spike Sample:	80.1

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ammonia as N	mg/Kg	+/-20	63.1		62.5		1	1		10/15/2025

Laboratory Control Sample Summary

Client: Kleinfelder

SDG No.: Q3341

Project: Webster School

Run No.: LB137519

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137519BSS							
Bromide	mg/Kg	200	204		102	1	90-110	10/15/2025
Chloride	mg/Kg	60	61.0		102	1	90-110	10/15/2025
Fluoride	mg/Kg	40	40.8		102	1	90-110	10/15/2025
Nitrite	mg/Kg	60	60.6		101	1	90-110	10/15/2025
Nitrate	mg/Kg	50	49.6		99	1	90-110	10/15/2025
Sulfate	mg/Kg	300	303		101	1	90-110	10/15/2025
Orthophosphate as P	mg/Kg	100	104		104	1	90-110	10/15/2025

Laboratory Control Sample Summary

Client: Kleinfelder
Project: Webster School

SDG No.: Q3341
Run No.: LB137525

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170093BS							
Hexavalent Chromium	mg/Kg	20	19.7		98	1	84-110	10/15/2025

Laboratory Control Sample Summary

Client: Kleinfelder

SDG No.: Q3341

Project: Webster School

Run No.: LB137539

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170110BS							
Ammonia as N	mg/Kg	50	50.0		100	1	90-110	10/15/2025



RAW DATA

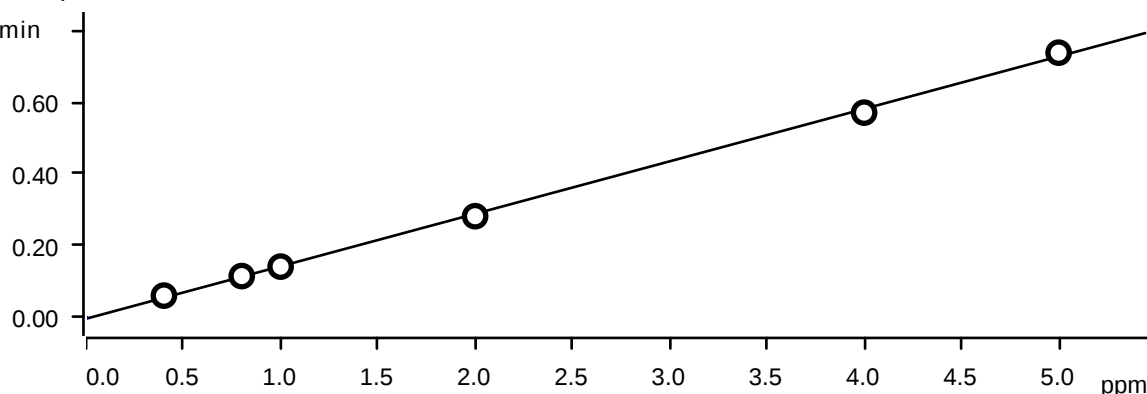
Instrument: IC-1		Analyst: RM		Method: 300.0 / 9056A		Initial wt/Fina Analyst				
Ident	Con F-	Con CL-	Con NO2	Con BR-	Con NO3	Con HPO4	Con SO4	Method name	date time	
STD1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	IC1-100925	10/9/2025 10:46	10 RM/IZ
STD2	0.4400	0.6460	0.6520	2.1410	0.5410	1.1180	3.2990	IC1-100925	10/9/2025 11:08	10 RM/IZ
STD3	0.8130	1.2250	1.2220	4.0730	1.0190	1.9470	6.0910	IC1-100925	10/9/2025 11:29	10 RM/IZ
STD4	0.9930	1.4970	1.4960	4.9940	1.2490	2.6690	7.5070	IC1-100925	10/9/2025 11:51	10 RM/IZ
STD5	1.9540	2.9230	2.9220	9.7730	2.4350	4.8280	14.5570	IC1-100925	10/9/2025 12:12	10 RM/IZ
STD6	3.9280	5.9230	5.9200	19.7520	4.9340	9.5170	29.5100	IC1-100925	10/9/2025 12:34	10 RM/IZ
STD7	5.0720	7.5850	7.5890	25.2680	6.3230	12.9200	37.5370	IC1-100925	10/9/2025 12:55	10 RM/IZ
ICV	1.9700	2.9180	2.9420	9.8420	2.3980	5.0030	14.7020	IC1-100925	10/9/2025 13:16	10 RM/IZ
ICB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	IC1-100925	10/9/2025 13:38	10 RM/IZ
CCV	2.0370	3.0170	3.0250	10.1630	2.4570	4.8590	15.0070	IC1-100925	10/15/2025 9:11	10 RM/IZ
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	IC1-100925	10/15/2025 9:32	10 RM/IZ
LB137519BLS	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	IC1-100925	10/15/2025 9:54	5.00g/100mL RM/IZ
LB137519BSS	2.0390	3.0480	3.0280	10.1980	2.4820	5.1990	15.1320	IC1-100925	10/15/2025 10:15	5.00g/100mL RM/IZ
Q3341-01	0.3140	29.6780	0.0000	0.0000	0.0850	0.2620	1.0890	IC1-100925	10/15/2025 10:37	5.04g/100mL RM/IZ
Q3341-01MS	2.0810	31.7580	3.0240	10.1310	2.4910	4.2830	15.5330	IC1-100925	10/15/2025 10:58	5.01g/100mL RM/IZ
Q3341-01MSD	2.0710	31.7220	3.0220	10.1270	2.4930	4.2820	15.5290	IC1-100925	10/15/2025 11:20	5.03g/100mL RM/IZ
Q3341-02	0.1950	1.8200	0.0000	0.0000	0.0000	0.0000	0.8400	IC1-100925	10/15/2025 11:42	5.03g/100mL RM/IZ
Q3341-03	0.0900	1.5500	0.0000	0.0000	0.0000	0.4310	1.2110	IC1-100925	10/15/2025 12:03	5.00g/100mL RM/IZ
Q3341-01DLX10	0.0670	2.6860	0.0000	0.0000	0.0000	0.0000	0.4940	IC1-100925	10/15/2025 12:25	5.04g/100mL RM/IZ
CCV	2.0310	3.0200	3.0260	10.1750	2.4740	4.9560	15.0450	IC1-100925	10/15/2025 12:46	10 RM/IZ
CCB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	IC1-100925	10/15/2025 13:08	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	IC1-100925	10/9/2025 10:46	10	RM/IZ
STD2	0.4400	0.6460	0.6520	2.1410	0.5410	1.1180	3.2990	IC1-100925	10/9/2025 11:08	10	RM/IZ
STD3	0.8130	1.2250	1.2220	4.0730	1.0190	1.9470	6.0910	IC1-100925	10/9/2025 11:29	10	RM/IZ
STD4	0.9930	1.4970	1.4960	4.9940	1.2490	2.6690	7.5070	IC1-100925	10/9/2025 11:51	10	RM/IZ
STD5	1.9540	2.9230	2.9220	9.7730	2.4350	4.8280	14.5570	IC1-100925	10/9/2025 12:12	10	RM/IZ
STD6	3.9280	5.9230	5.9200	19.7520	4.9340	9.5170	29.5100	IC1-100925	10/9/2025 12:34	10	RM/IZ
STD7	5.0720	7.5850	7.5890	25.2680	6.3230	12.9200	37.5370	IC1-100925	10/9/2025 12:55	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	10.0000	7.6667	8.6667	7.0500	8.2000	11.8000	9.9667				
STD2	1.6250	2.0833	1.8333	1.8250	1.9000	-2.6500	1.5167				
STD3	-0.7000	-0.2000	-0.2667	-0.1200	-0.0800	6.7600	0.0933				
STD4	-2.3000	-2.5667	-2.6000	-2.2700	-2.6000	-3.4400	-2.9533				
STD5	-1.8000	-1.2833	-1.3333	-1.2400	-1.3200	-4.8300	-1.6333				
STD6	1.4400	1.1333	1.1867	1.0720	1.1680	3.3600	1.4514				
STD7											

Fluoride (Anions)

($\mu\text{S}/\text{cm}$) x min



Function: $A = -3.86859E-3 + 0.0146255 \times Q$

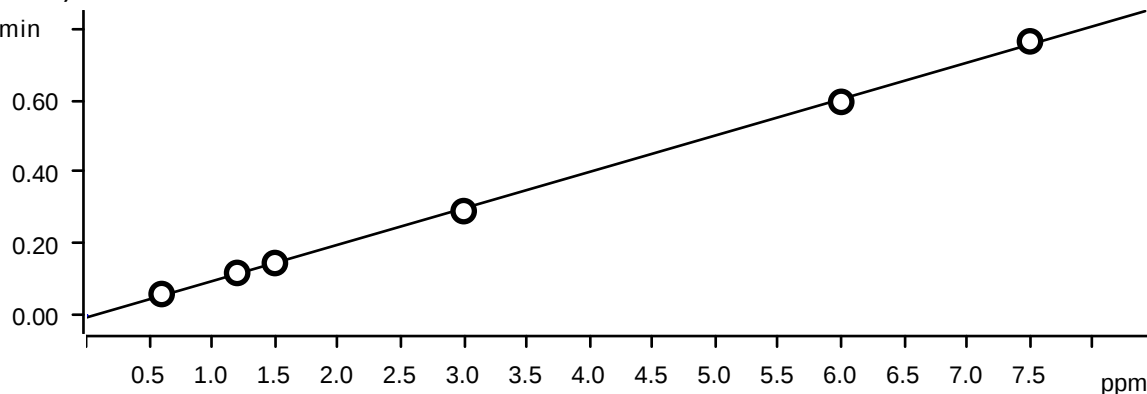
Relative standard deviation: 2.744994 %

Correlation coefficient: 0.999599

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	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	0.400	10.0	1.0	1.0	0.061	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	0.800	10.0	1.0	1.0	0.115	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	1.000	10.0	1.0	1.0	0.141	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	2.000	10.0	1.0	1.0	0.282	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	4.000	10.0	1.0	1.0	0.571	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	5.000	10.0	1.0	1.0	0.738	STD7	2025-10-09 12:55:27 UTC-4	used

Chloride (Anions)

($\mu\text{S}/\text{cm}$) x min

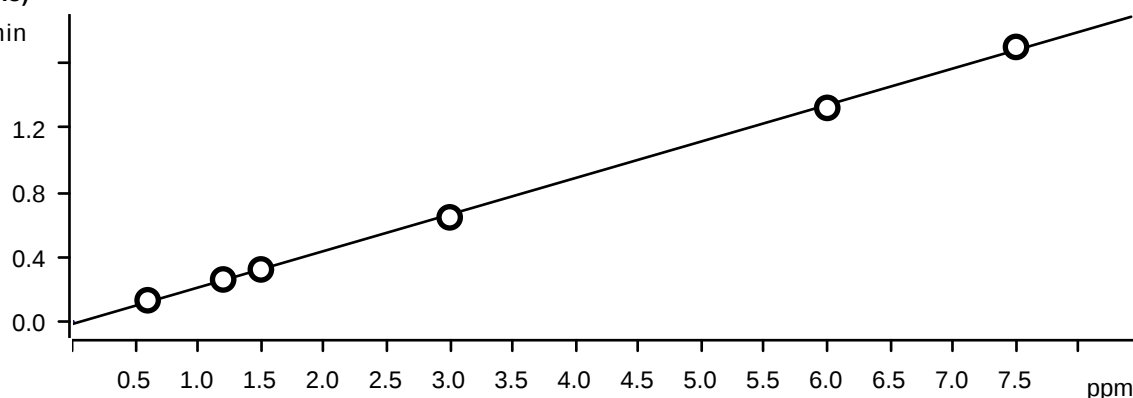


Function: $A = -5.87555E-3 + 0.0101528 \times Q$

Relative standard deviation 2.276543 %

Correlation coefficient 0.999727

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	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.060	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.119	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.146	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.291	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	0.596	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	0.764	STD7	2025-10-09 12:55:27 UTC-4	used

Nitrite (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0165604 + 0.0226258 \times Q$

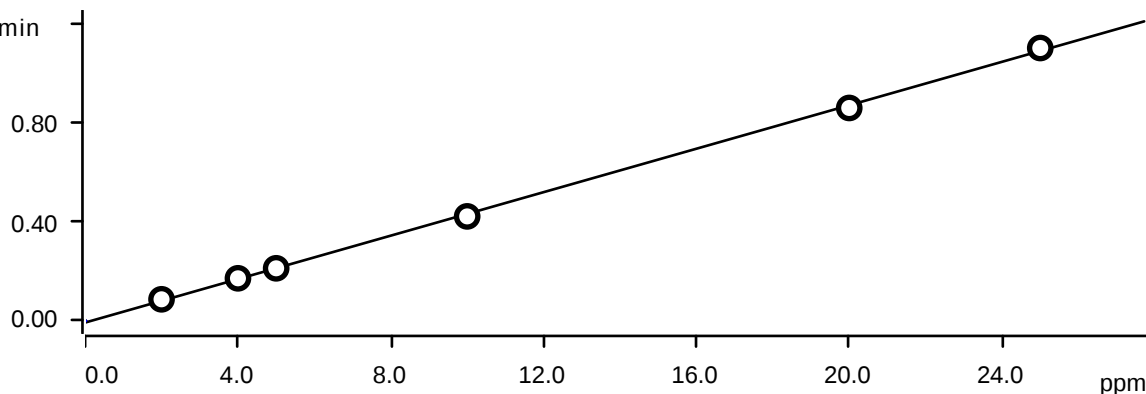
Relative standard deviation 2.379226 %

Correlation coefficient 0.999705

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	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	0.600	10.0	1.0	1.0	0.131	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	1.200	10.0	1.0	1.0	0.260	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	1.500	10.0	1.0	1.0	0.322	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	3.000	10.0	1.0	1.0	0.645	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	6.000	10.0	1.0	1.0	1.323	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	7.500	10.0	1.0	1.0	1.700	STD7	2025-10-09 12:55:27 UTC-4	used

Bromide (Anions)

($\mu\text{S}/\text{cm}$) $\times$ min



Function: $A = -6.89623E-3 + 4.37562E-3 \times Q$

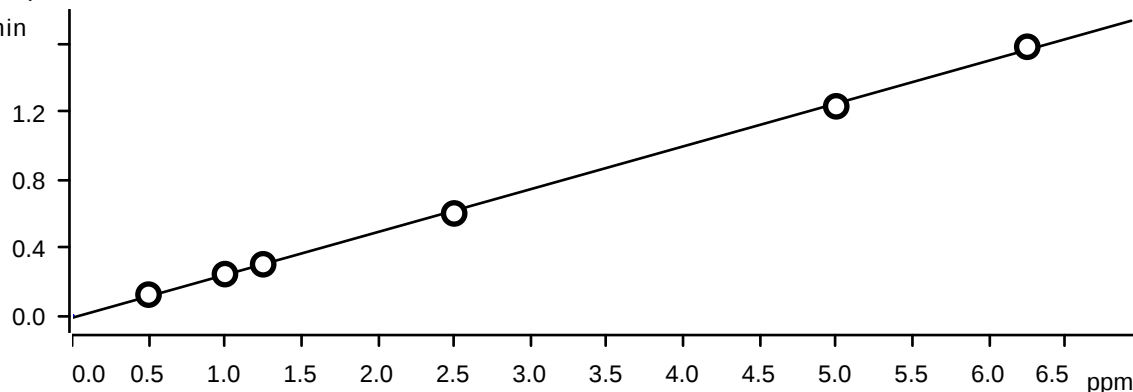
Relative standard deviation: 2.114692 %

Correlation coefficient: 0.999763

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	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	2.000	10.0	1.0	1.0	0.087	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	4.000	10.0	1.0	1.0	0.171	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	5.000	10.0	1.0	1.0	0.212	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	10.000	10.0	1.0	1.0	0.421	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	20.000	10.0	1.0	1.0	0.857	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	25.000	10.0	1.0	1.0	1.099	STD7	2025-10-09 12:55:27 UTC-4	used

Nitrate (Anions)

($\mu\text{S}/\text{cm}$) $\times$ min

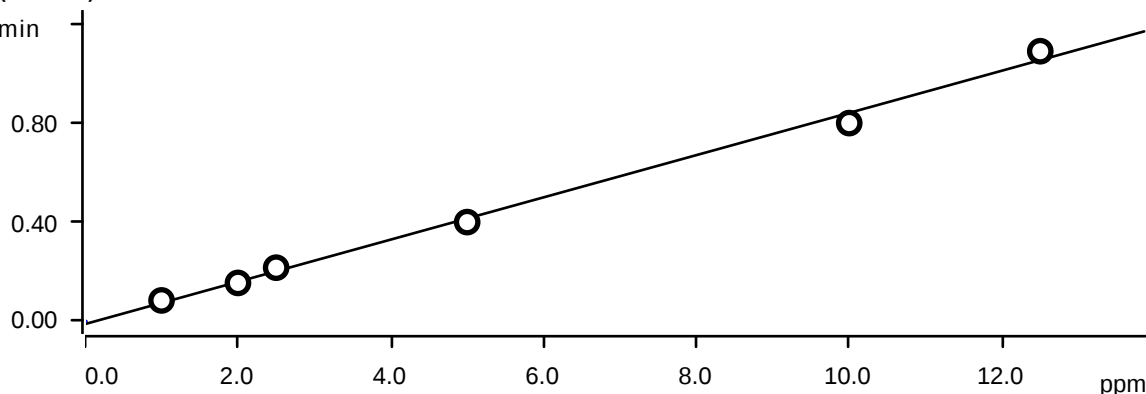


Function: $A = -0.0141807 + 0.0252306 \times Q$

Relative standard deviation: 2.346972 %

Correlation coefficient 0.999712

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	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	0.500	10.0	1.0	1.0	0.122	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	1.000	10.0	1.0	1.0	0.243	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	1.250	10.0	1.0	1.0	0.301	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	2.500	10.0	1.0	1.0	0.600	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	5.000	10.0	1.0	1.0	1.231	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	6.250	10.0	1.0	1.0	1.581	STD7	2025-10-09 12:55:27 UTC-4	used

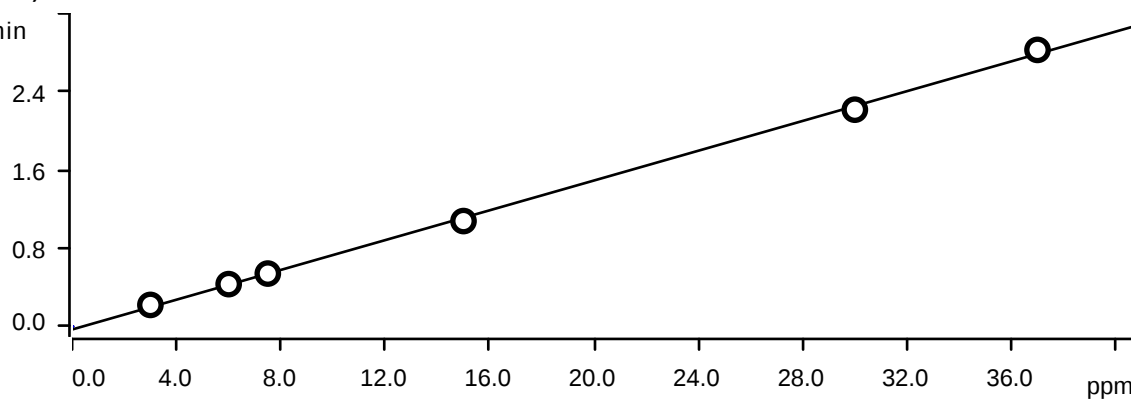
Phosphate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0117521 + 8.50315E-3 \times Q$

Relative standard deviation 6.489714 %

Correlation coefficient 0.997825

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	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	1.000	10.0	1.0	1.0	0.083	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	2.000	10.0	1.0	1.0	0.154	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	2.500	10.0	1.0	1.0	0.215	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	5.000	10.0	1.0	1.0	0.399	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	10.000	10.0	1.0	1.0	0.798	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	12.500	10.0	1.0	1.0	1.087	STD7	2025-10-09 12:55:27 UTC-4	used

Sulfate (Anions)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0307148 + 7.61403E-3 \times Q$

Relative standard deviation 2.830893 %

Correlation coefficient 0.999580

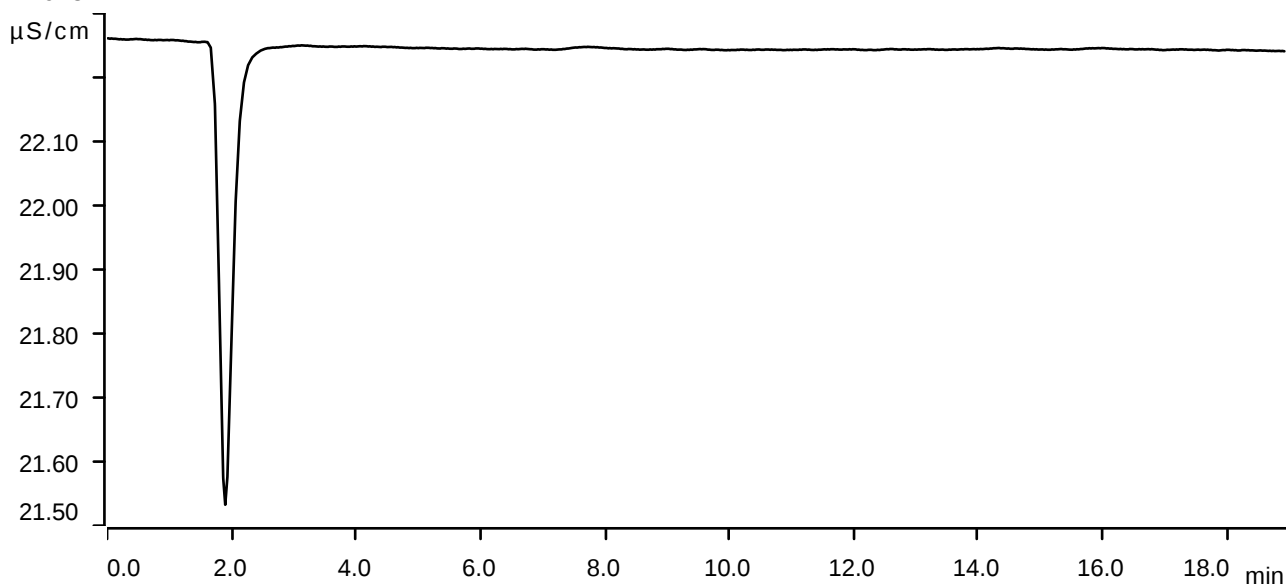
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 1	1	0.000	10.0	1.0	1.0	n. d.	STD1	2025-10-09 10:46:54 UTC-4	used
Standard 2	1	3.000	10.0	1.0	1.0	0.220	STD2	2025-10-09 11:08:18 UTC-4	used
Standard 3	1	6.000	10.0	1.0	1.0	0.433	STD3	2025-10-09 11:29:42 UTC-4	used
Standard 4	1	7.500	10.0	1.0	1.0	0.541	STD4	2025-10-09 11:51:08 UTC-4	used
Standard 5	1	15.000	10.0	1.0	1.0	1.078	STD5	2025-10-09 12:12:34 UTC-4	used
Standard 6	1	30.000	10.0	1.0	1.0	2.216	STD6	2025-10-09 12:34:00 UTC-4	used
Standard 7	1	37.000	10.0	1.0	1.0	2.827	STD7	2025-10-09 12:55:27 UTC-4	used

Sample data

Ident STD1
Sample type Standard 1
Determination start 2025-10-09 10:46:54 UTC-4
Method IC1-100925
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 13.57 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

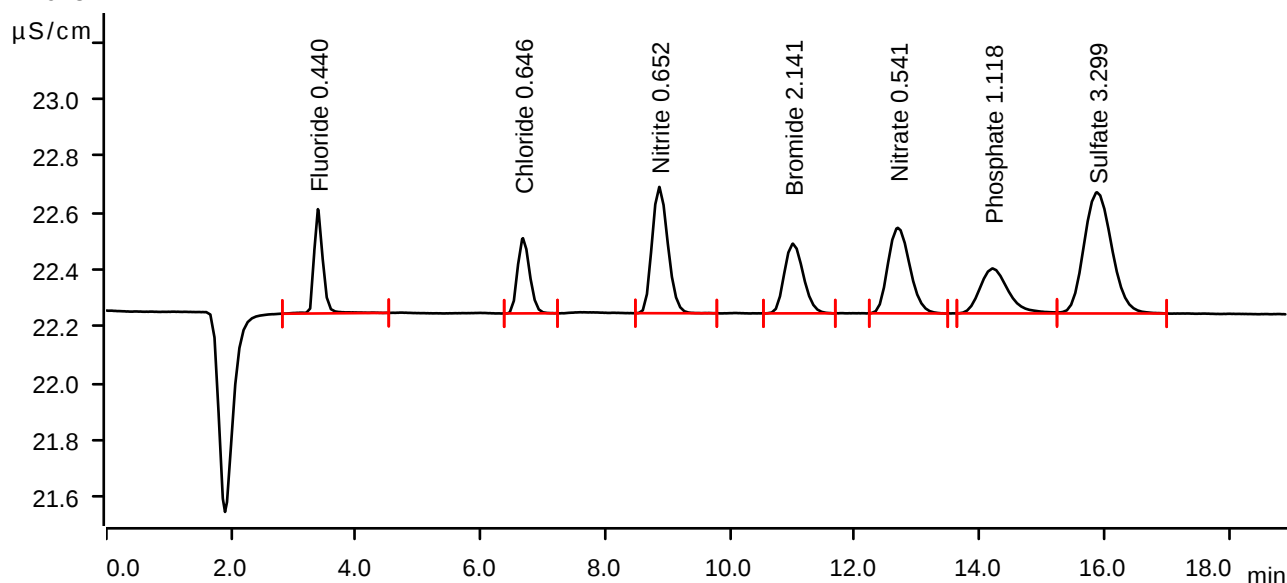
Sample data

Ident STD2
Sample type Standard 2
Determination start 2025-10-09 11:08:18 UTC-4
Method IC1-100925
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 13.34 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	3.392	0.0605	0.366	0.440	Fluoride
2	6.680	0.0597	0.264	0.646	Chloride
3	8.865	0.1310	0.444	0.652	Nitrite
4	11.008	0.0868	0.245	2.141	Bromide
5	12.692	0.1222	0.301	0.541	Nitrate
6	14.212	0.0833	0.158	1.118	Phosphate
7	15.883	0.2204	0.426	3.299	Sulfate

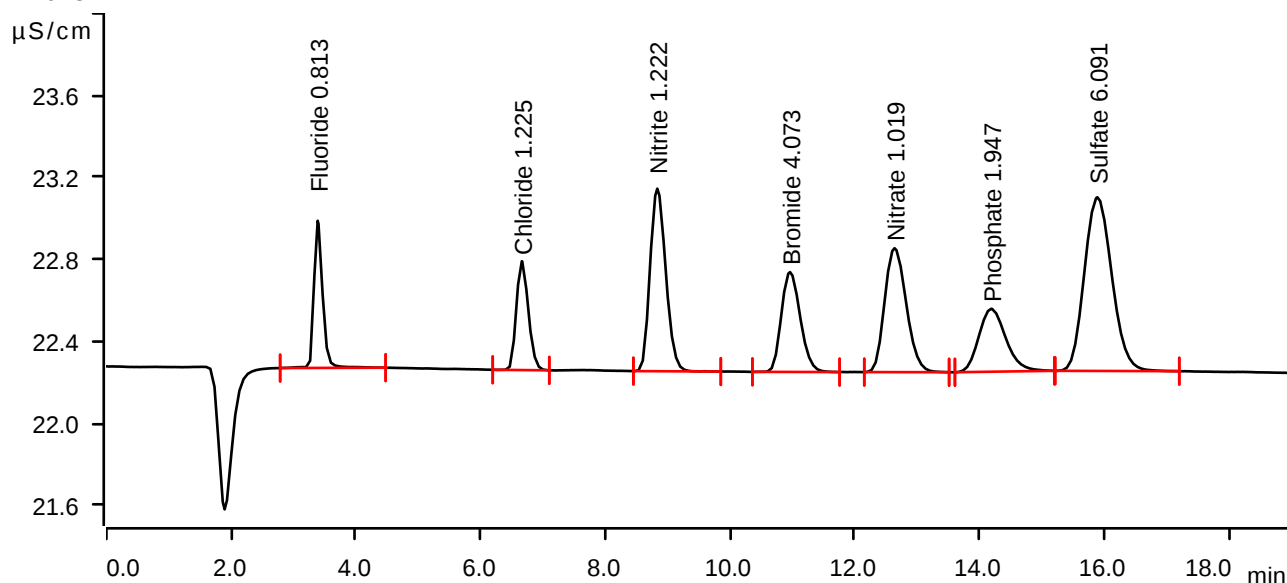
Sample data

Ident STD3
Sample type Standard 3
Determination start 2025-10-09 11:29:42 UTC-4
Method IC1-100925
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 13.63 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	3.388	0.1150	0.718	0.813	Fluoride
2	6.662	0.1185	0.531	1.225	Chloride
3	8.833	0.2598	0.891	1.222	Nitrite
4	10.962	0.1713	0.487	4.073	Bromide
5	12.637	0.2429	0.605	1.019	Nitrate
6	14.187	0.1538	0.307	1.947	Phosphate
7	15.888	0.4330	0.848	6.091	Sulfate

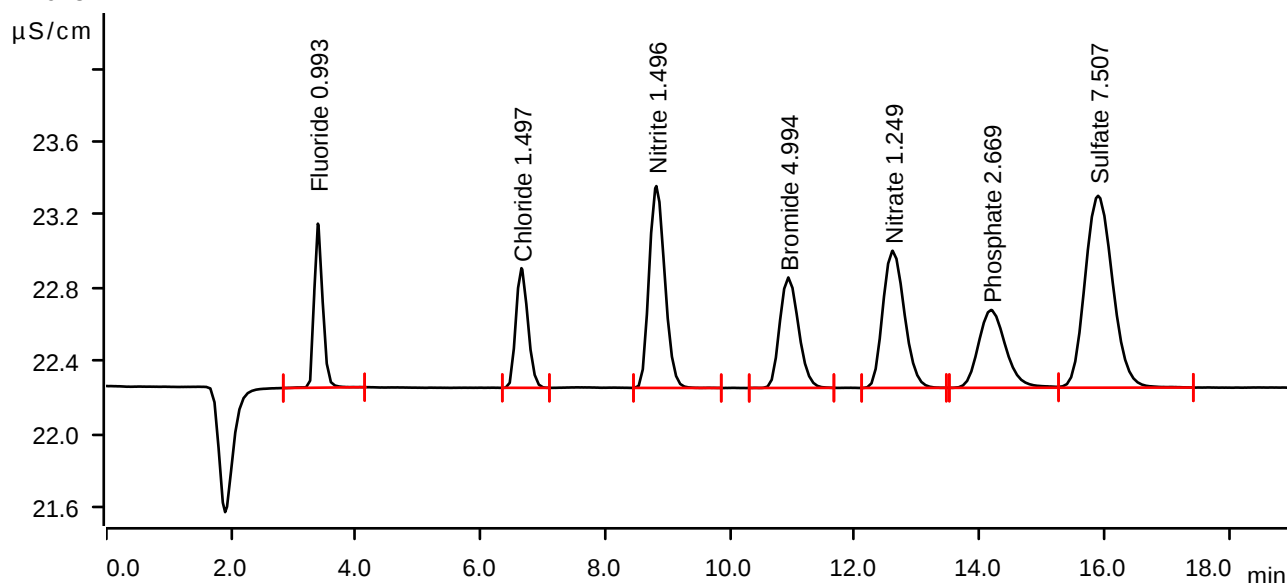
Sample data

Ident STD4
Sample type Standard 4
Determination start 2025-10-09 11:51:08 UTC-4
Method IC1-100925
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 13.34 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	3.392	0.1414	0.897	0.993	Fluoride
2	6.655	0.1461	0.654	1.497	Chloride
3	8.818	0.3220	1.103	1.496	Nitrite
4	10.933	0.2116	0.604	4.994	Bromide
5	12.607	0.3009	0.750	1.249	Nitrate
6	14.185	0.2152	0.426	2.669	Phosphate
7	15.900	0.5409	1.049	7.507	Sulfate

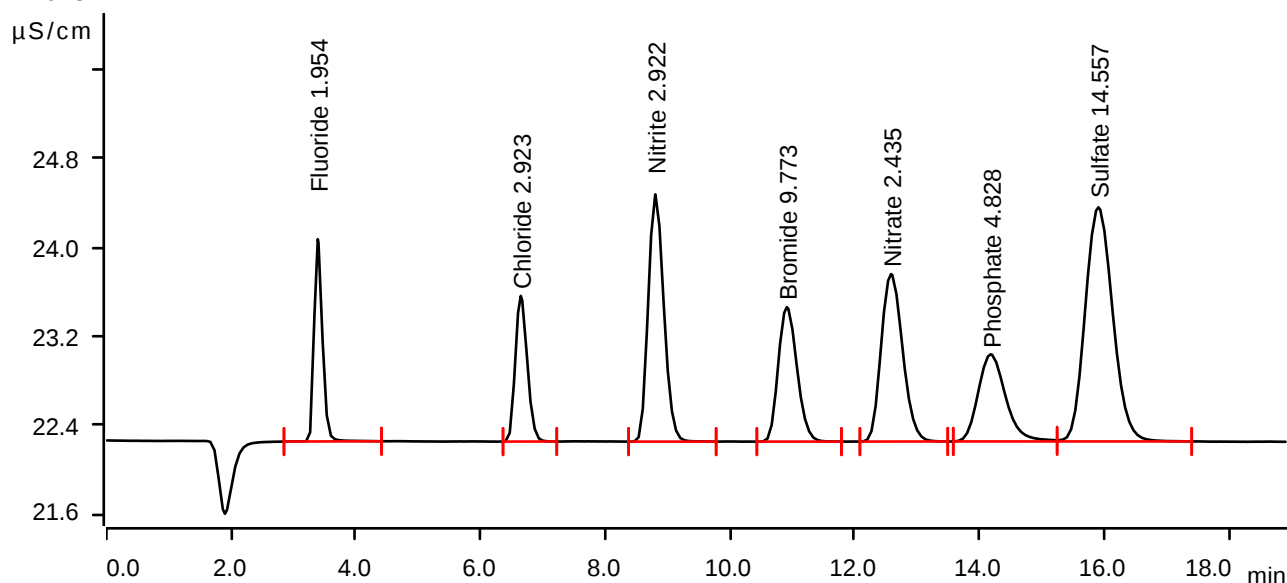
Sample data

Ident STD5
Sample type Standard 5
Determination start 2025-10-09 12:12:34 UTC-4
Method IC1-100925
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 13.06 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	3.390	0.2819	1.816	1.954	Fluoride
2	6.645	0.2909	1.308	2.923	Chloride
3	8.803	0.6446	2.221	2.922	Nitrite
4	10.910	0.4207	1.208	9.773	Bromide
5	12.582	0.6001	1.504	2.435	Nitrate
6	14.178	0.3988	0.783	4.828	Phosphate
7	15.905	1.0776	2.103	14.557	Sulfate

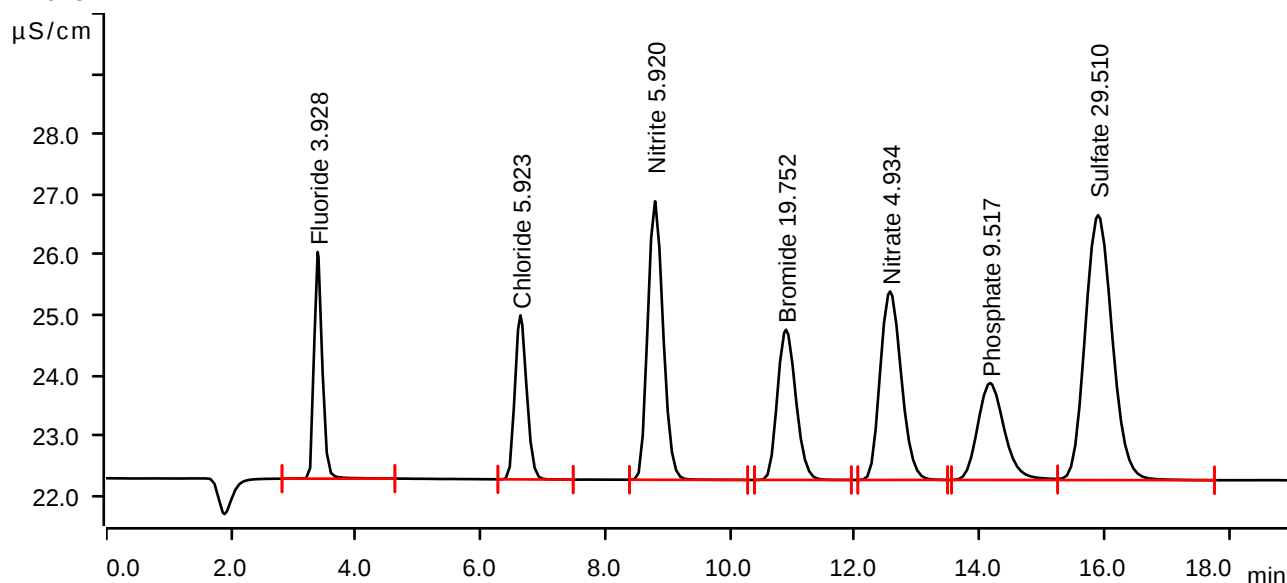
Sample data

Ident STD6
Sample type Standard 6
Determination start 2025-10-09 12:34:00 UTC-4
Method IC1-100925
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 13.06 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	3.388	0.5707	3.761	3.928	Fluoride
2	6.638	0.5955	2.722	5.923	Chloride
3	8.797	1.3228	4.622	5.920	Nitrite
4	10.897	0.8574	2.493	19.752	Bromide
5	12.565	1.2307	3.128	4.934	Nitrate
6	14.170	0.7975	1.608	9.517	Phosphate
7	15.900	2.2162	4.397	29.510	Sulfate

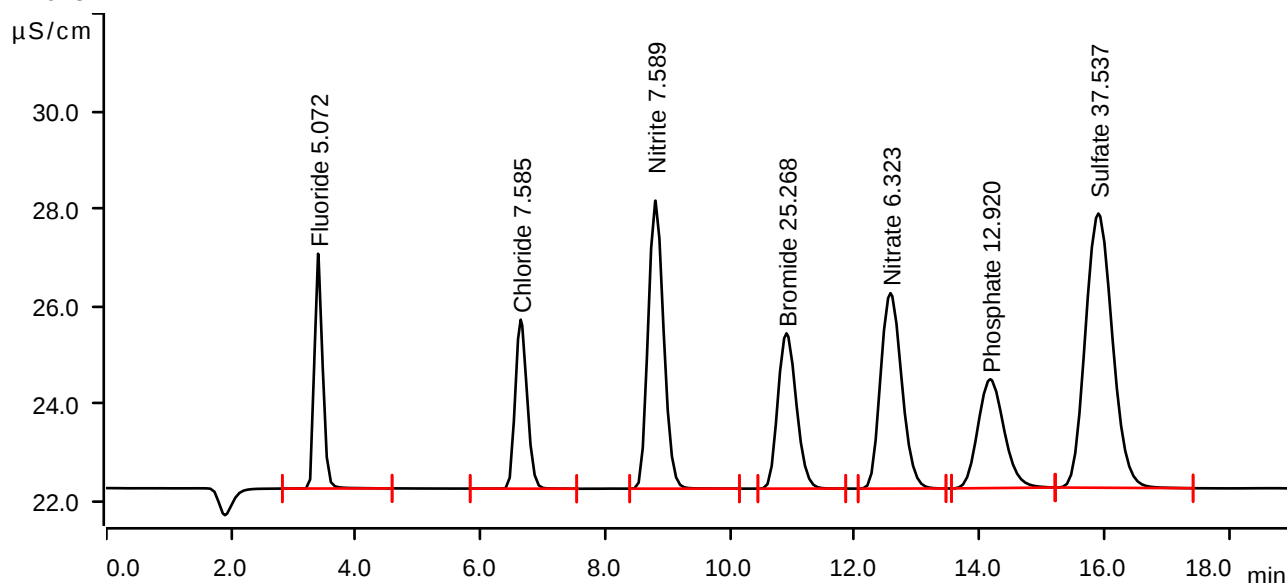
Sample data

Ident STD7
Sample type Standard 7
Determination start 2025-10-09 12:55:27 UTC-4
Method IC1-100925
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 13.01 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	3.395	0.7379	4.813	5.072	Fluoride
2	6.643	0.7642	3.464	7.585	Chloride
3	8.805	1.7004	5.904	7.589	Nitrite
4	10.905	1.0987	3.182	25.268	Bromide
5	12.572	1.5811	4.005	6.323	Nitrate
6	14.172	1.0869	2.232	12.920	Phosphate
7	15.905	2.8273	5.621	37.537	Sulfate

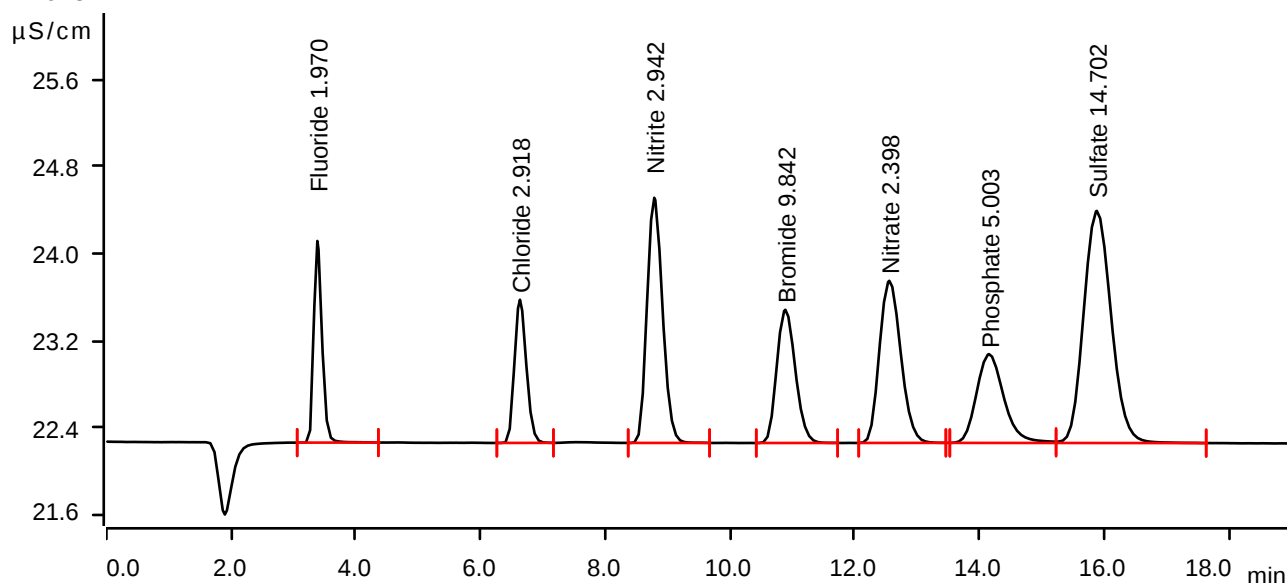
Sample data

Ident ICV
Sample type Check standard 1
Determination start 2025-10-09 13:16:55 UTC-4
Method IC1-100925
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 13.23 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



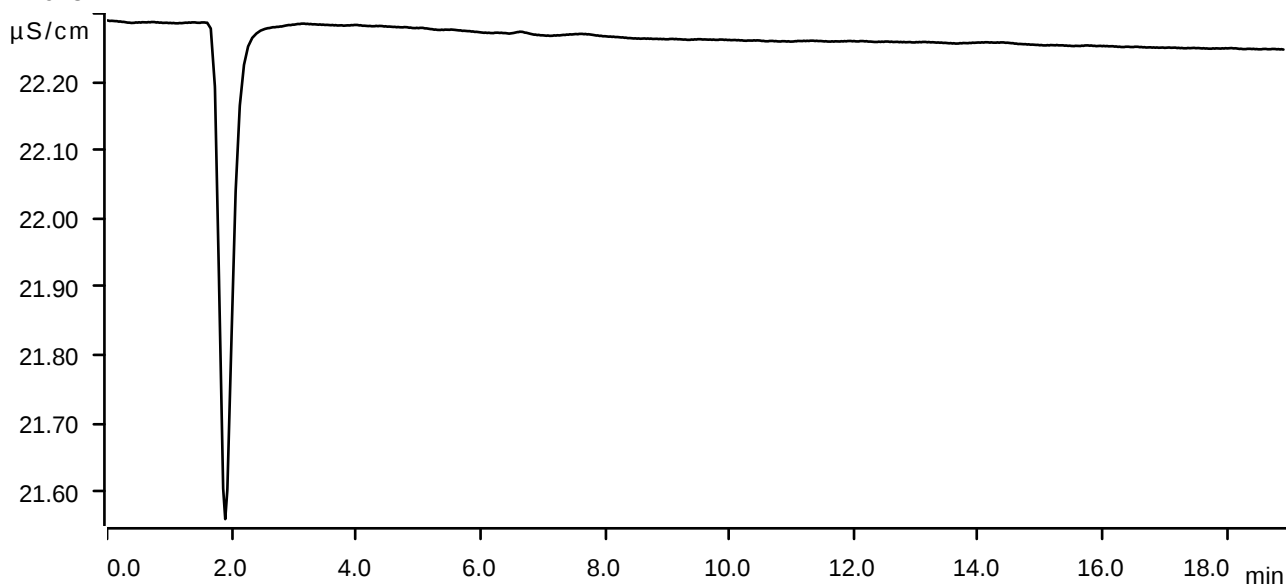
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.383	0.2843	1.850	1.970	Fluoride
2	6.632	0.2904	1.314	2.918	Chloride
3	8.785	0.6491	2.249	2.942	Nitrite
4	10.887	0.4238	1.222	9.842	Bromide
5	12.553	0.5909	1.487	2.398	Nitrate
6	14.152	0.4137	0.815	5.003	Phosphate
7	15.880	1.0887	2.130	14.702	Sulfate

Sample data

Ident ICB
Sample type Sample
Determination start 2025-10-09 13:38:24 UTC-4
Method IC1-100925
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 13.12 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

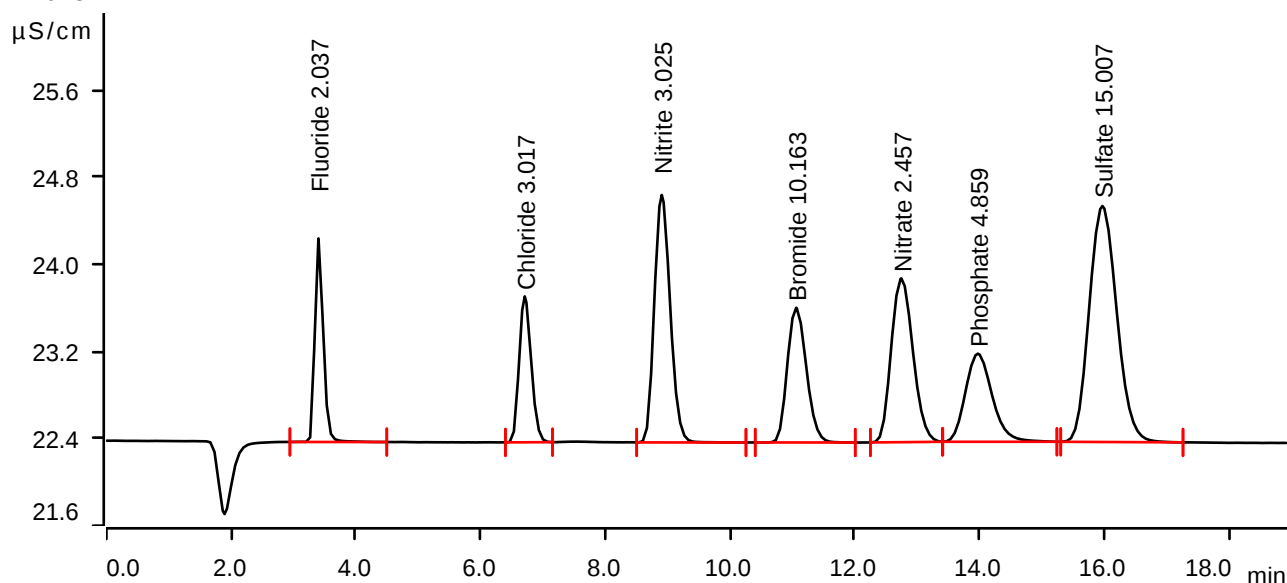
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-10-15 09:11:15 UTC-4
Method IC1-100925
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 13.40 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



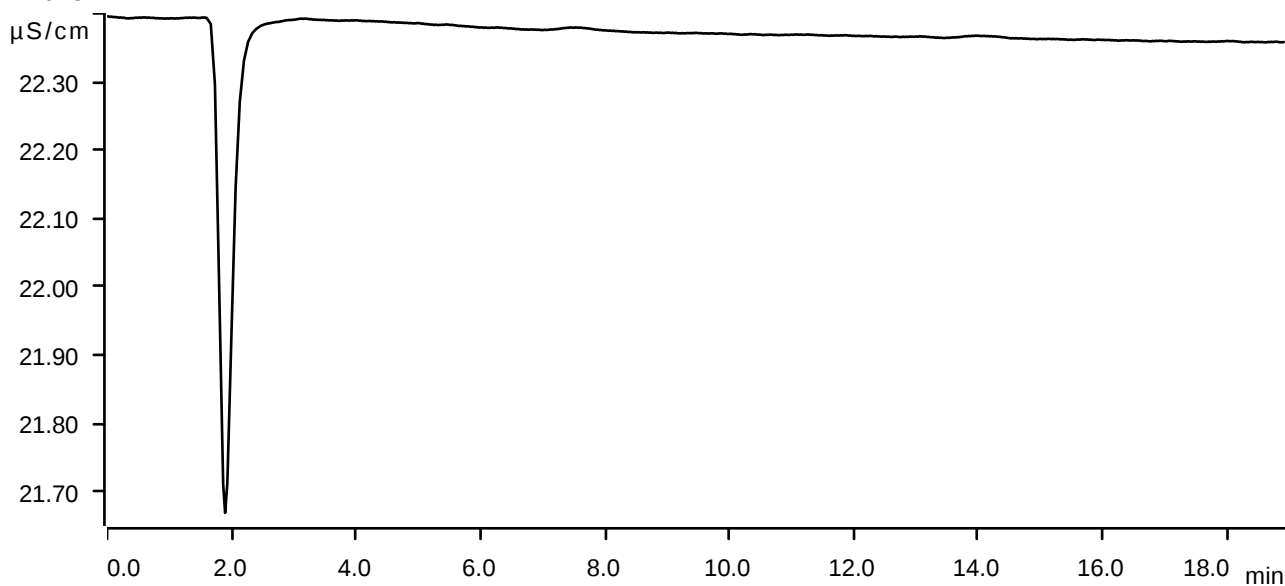
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.402	0.2941	1.868	2.037	Fluoride
2	6.708	0.3004	1.339	3.017	Chloride
3	8.905	0.6680	2.271	3.025	Nitrite
4	11.060	0.4378	1.236	10.163	Bromide
5	12.747	0.6058	1.503	2.457	Nitrate
6	13.973	0.4015	0.808	4.859	Phosphate
7	15.970	1.1119	2.165	15.007	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-10-15 09:32:48 UTC-4
Method IC1-100925
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 13.23 MPa
Maximum pressure monitored yes
Temperature ---- °C

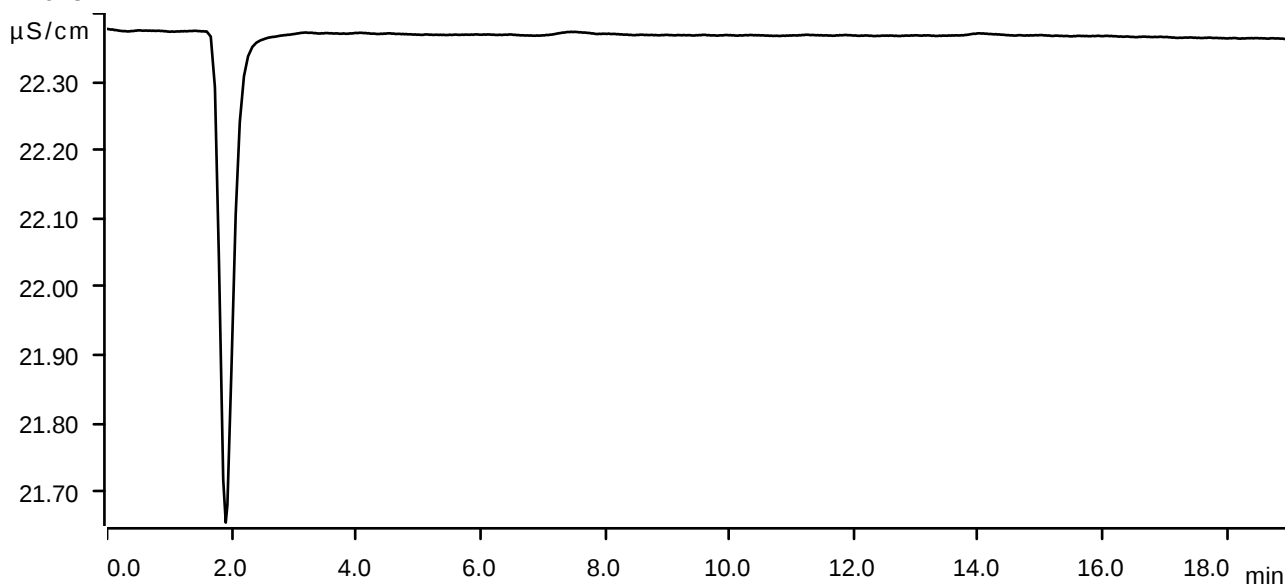
Anions

Sample data

Ident LB137519BLS
Sample type Sample
Determination start 2025-10-15 09:54:20 UTC-4
Method IC1-100925
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 13.06 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

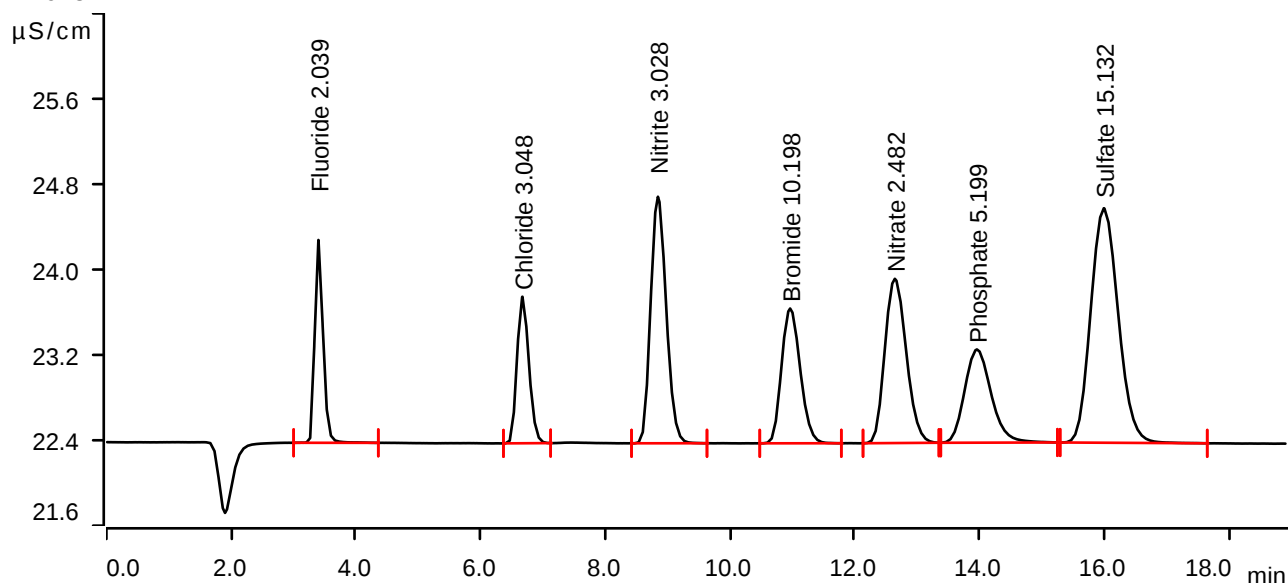
Sample data

Ident LB137519BSS
Sample type Check standard 1
Determination start 2025-10-15 10:15:51 UTC-4
Method IC1-100925
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 13.12 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	3.400	0.2943	1.900	2.039	Fluoride
2	6.672	0.3036	1.373	3.048	Chloride
3	8.843	0.6686	2.311	3.028	Nitrite
4	10.963	0.4393	1.263	10.198	Bromide
5	12.642	0.6121	1.539	2.482	Nitrate
6	13.958	0.4303	0.874	5.199	Phosphate
7	15.992	1.1215	2.198	15.132	Sulfate

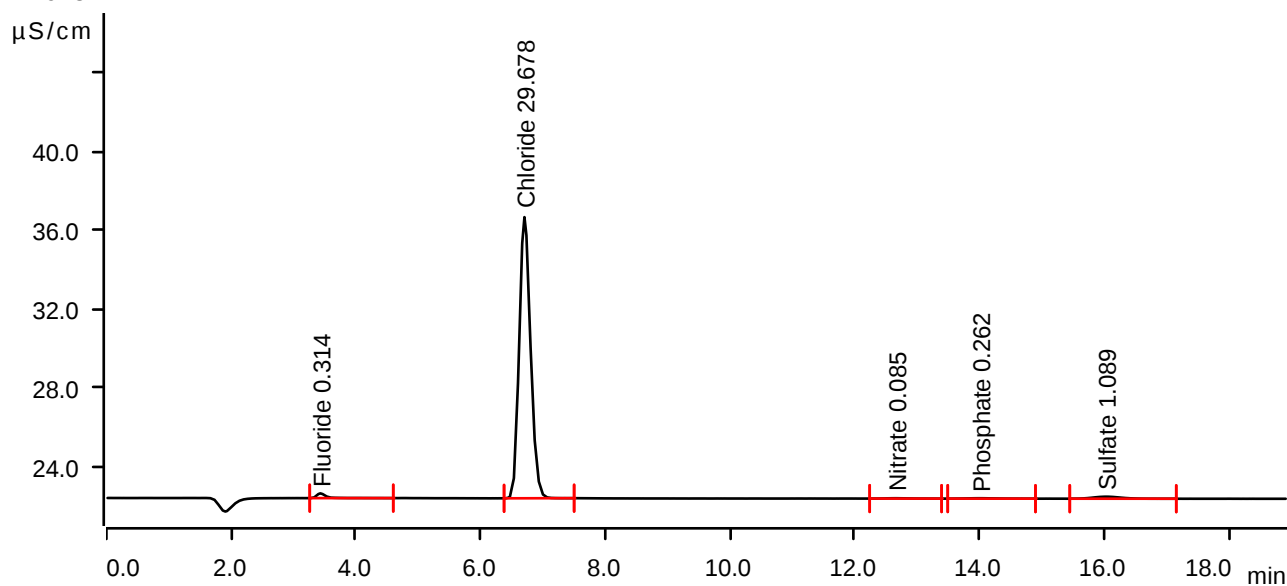
Sample data

Ident Q3341-01
Sample type Sample
Determination start 2025-10-15 10:37:24 UTC-4
Method IC1-100925
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 13.01 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	3.432	0.0421	0.242	0.314	Fluoride
2	6.703	3.0073	14.272	29.678	Chloride
3	12.660	0.0072	0.017	0.085	Nitrate
4	14.012	0.0105	0.020	0.262	Phosphate
5	16.023	0.0522	0.102	1.089	Sulfate

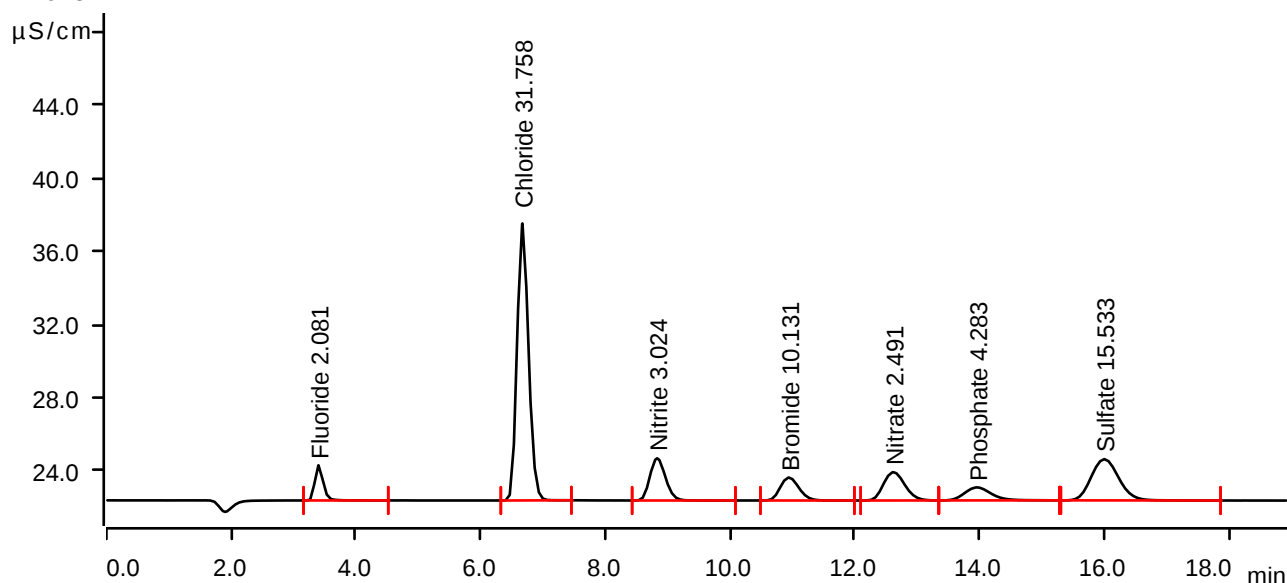
Sample data

Ident Q3341-01MS
Sample type Sample
Determination start 2025-10-15 10:58:57 UTC-4
Method IC1-100925
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 13.01 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	3.402	0.3005	1.921	2.081	Fluoride
2	6.672	3.2185	15.141	31.758	Chloride
3	8.832	0.6677	2.307	3.024	Nitrite
4	10.943	0.4364	1.254	10.131	Bromide
5	12.618	0.6144	1.545	2.491	Nitrate
6	13.960	0.3524	0.711	4.283	Phosphate
7	16.000	1.1520	2.256	15.533	Sulfate

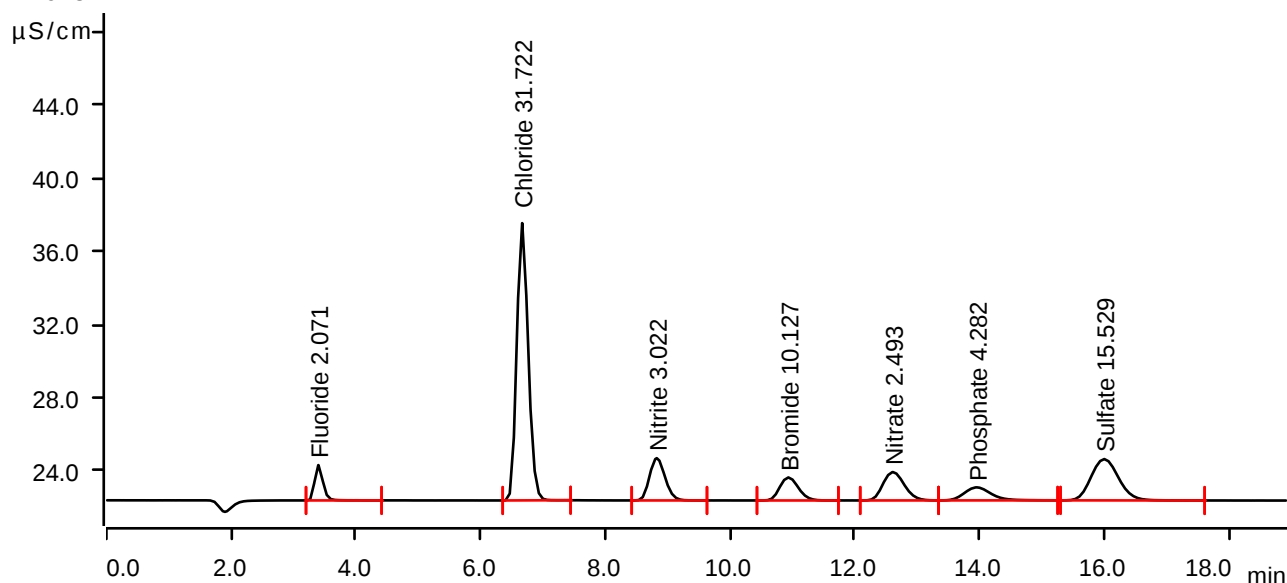
Sample data

Ident Q3341-01MSD
Sample type Sample
Determination start 2025-10-15 11:20:31 UTC-4
Method IC1-100925
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 12.95 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	3.398	0.2991	1.931	2.071	Fluoride
2	6.667	3.2148	15.156	31.722	Chloride
3	8.825	0.6671	2.311	3.022	Nitrite
4	10.937	0.4362	1.256	10.127	Bromide
5	12.612	0.6149	1.548	2.493	Nitrate
6	13.957	0.3524	0.711	4.282	Phosphate
7	15.998	1.1517	2.257	15.529	Sulfate

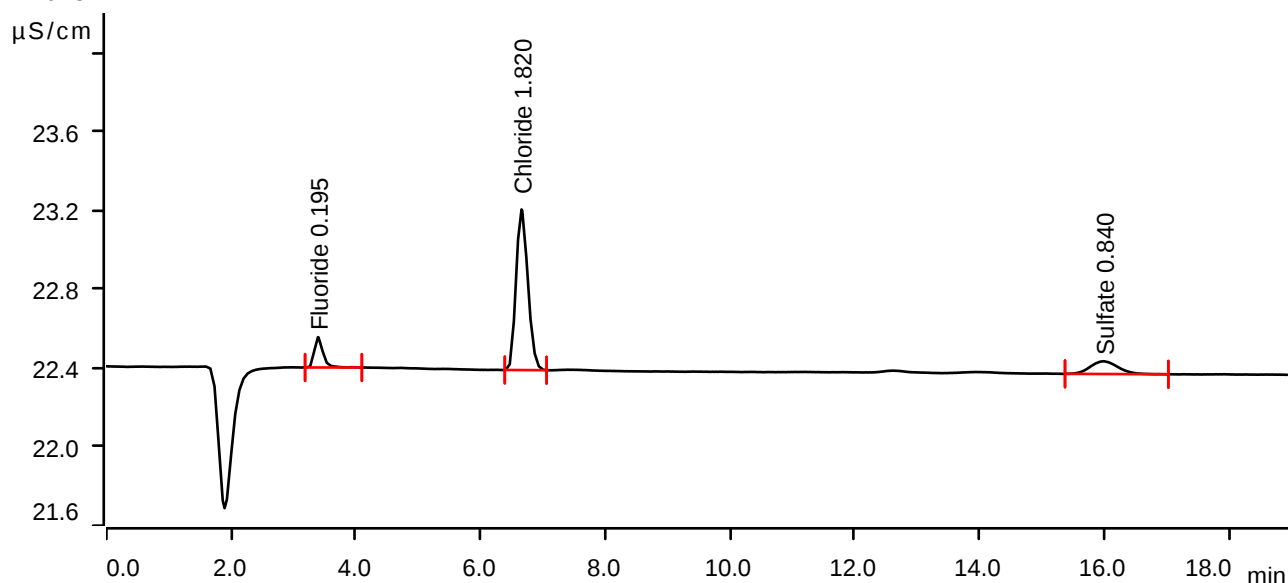
Sample data

Ident Q3341-02
Sample type Sample
Determination start 2025-10-15 11:42:05 UTC-4
Method IC1-100925
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 13.06 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	3.393	0.0247	0.154	0.195	Fluoride
2	6.657	0.1789	0.815	1.820	Chloride
3	15.992	0.0333	0.065	0.840	Sulfate

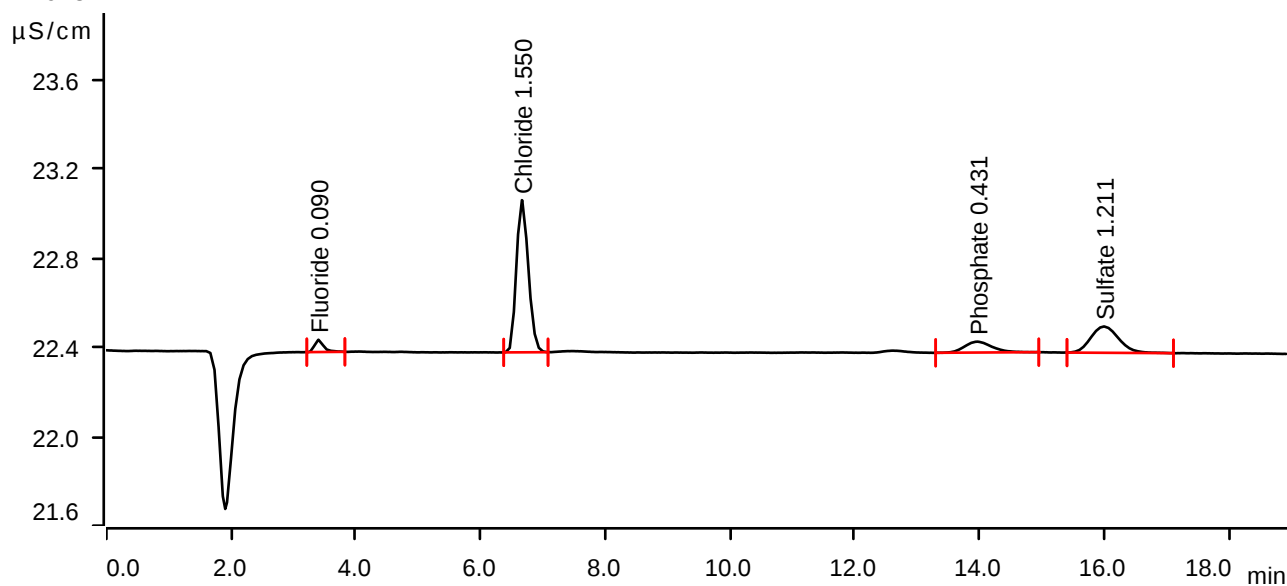
Sample data

Ident Q3341-03
Sample type Sample
Determination start 2025-10-15 12:03:40 UTC-4
Method IC1-100925
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 13.06 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	3.398	0.0093	0.055	0.090	Fluoride
2	6.663	0.1515	0.683	1.550	Chloride
3	13.968	0.0249	0.049	0.431	Phosphate
4	15.993	0.0615	0.118	1.211	Sulfate

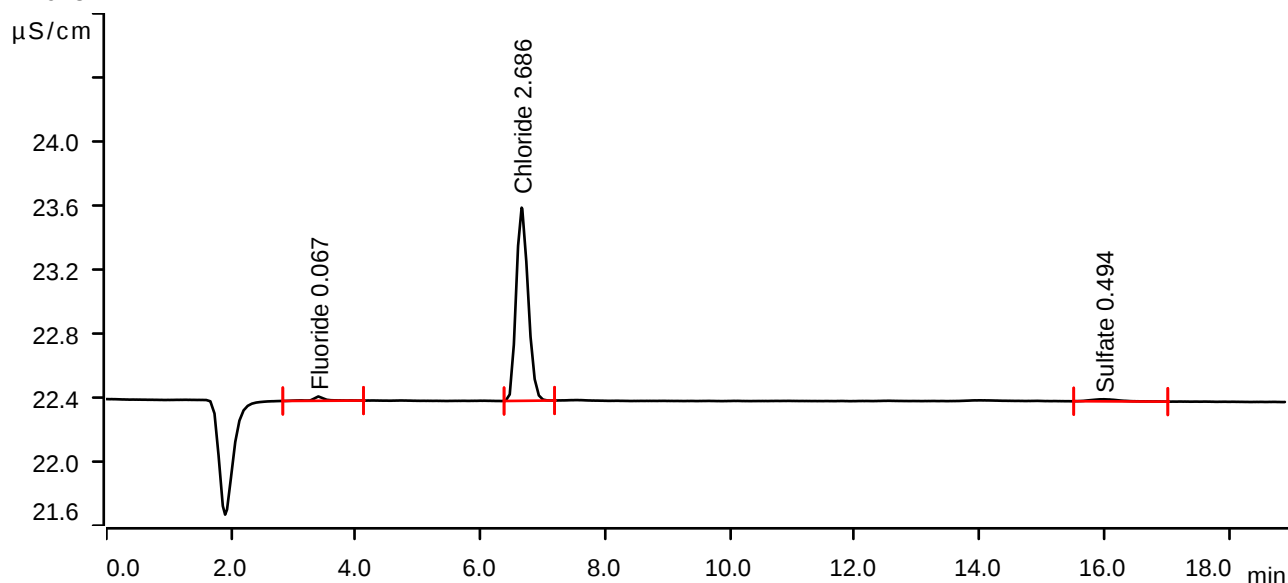
Sample data

Ident Q3341-01DLX10
Sample type Sample
Determination start 2025-10-15 12:25:15 UTC-4
Method IC1-100925
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 13.18 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	3.397	0.0059	0.027	0.067	Fluoride
2	6.658	0.2669	1.207	2.686	Chloride
3	15.985	0.0069	0.013	0.494	Sulfate

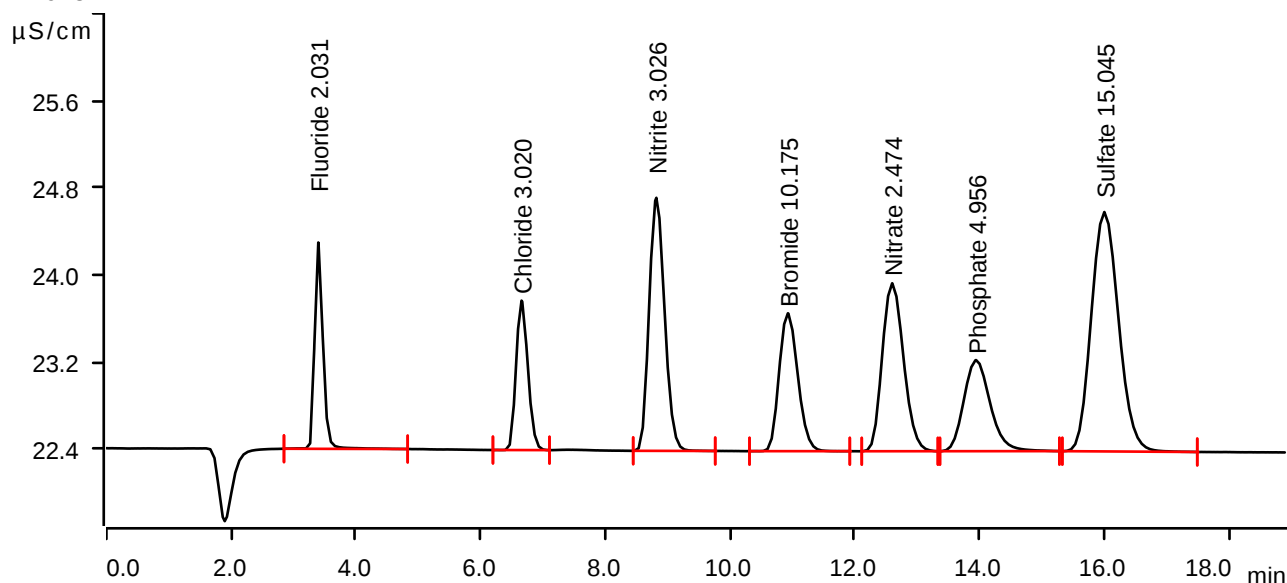
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2025-10-15 12:46:37 UTC-4
Method IC1-100925
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 13.06 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



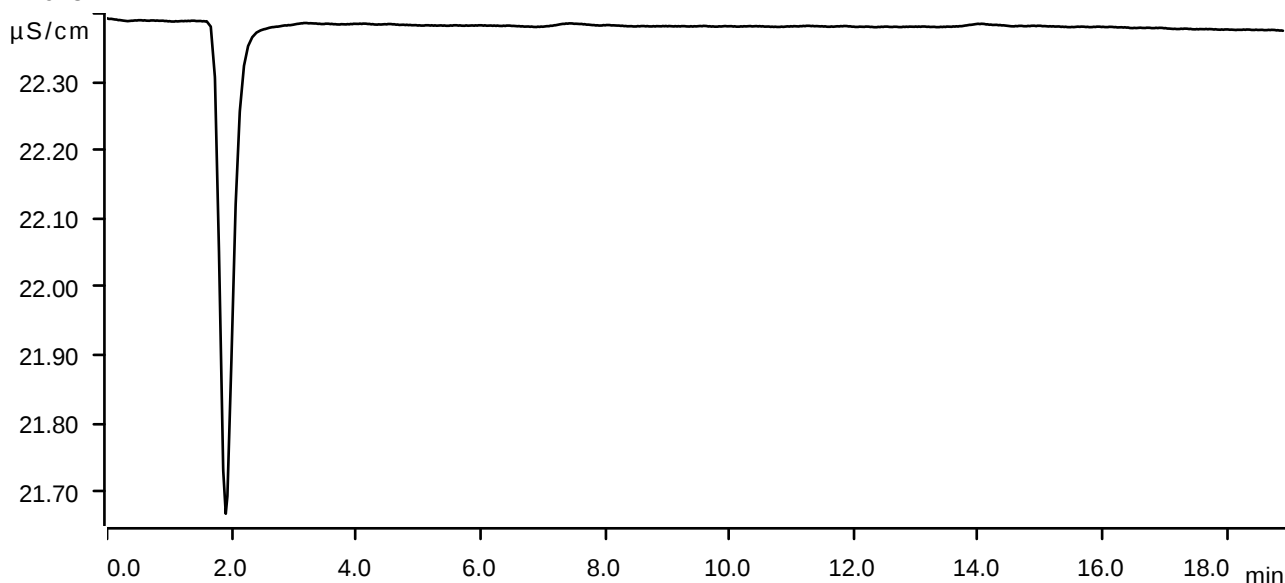
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.398	0.2932	1.893	2.031	Fluoride
2	6.657	0.3008	1.372	3.020	Chloride
3	8.818	0.6681	2.322	3.026	Nitrite
4	10.927	0.4383	1.265	10.175	Bromide
5	12.598	0.6099	1.541	2.474	Nitrate
6	13.945	0.4097	0.836	4.956	Phosphate
7	16.002	1.1148	2.196	15.045	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2025-10-15 13:08:07 UTC-4
Method IC1-100925
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 12.95 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137525

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP115123
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0004

Slope: 0.7673

Regression: 0.999933

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.25	1.74	0.000	0.000	0.000	-0.00		10/15/2025	11:40
2	CAL2	0.01	1	100	100	7.36	2.06	0.000	0.008	0.008	0.009	-10	10/15/2025	11:40
3	CAL3	0.025	1	100	100	7.34	1.98	0.000	0.021	0.021	0.026	4	10/15/2025	11:41
4	CAL4	0.05	1	100	100	7.39	1.96	0.000	0.040	0.040	0.051	2	10/15/2025	11:41
5	CAL5	0.1	1	100	100	7.42	2.06	0.000	0.079	0.079	0.102	2	10/15/2025	11:42
6	CAL6	0.5	1	100	100	7.36	1.92	0.000	0.377	0.377	0.490	-2	10/15/2025	11:42
7	CAL7	1	1	100	100	7.40	1.94	0.000	0.771	0.771	1.004	0.4	10/15/2025	11:43

Analytical Summary Report

Analysis Method: 7196A

ANALYST:rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY:Iwona

Run Number: LB137525

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	7.48	2.01	0.000	0.380	0.380	0.495	10/15/2025	11:43
2	ICB		1	100	100	7.33	2.06	0.000	0.001	0.001	0.001	10/15/2025	11:44
3	CCV1	0.5	1	100	100	7.42	2.04	0.000	0.377	0.377	0.491	10/15/2025	11:44
4	CCB1		1	100	100	7.44	1.88	0.000	0.000	0.000	-0.001	10/15/2025	11:45
5	RL Check	0.01	1	100	100	7.52	2.06	0.000	0.008	0.008	0.010	10/15/2025	11:45
6	PB170093BL		1	2.50	100	7.37	1.92	0.000	0.000	0.000	-0.001	10/15/2025	11:46
7	PB170093BS	20	1	2.50	100	7.54	1.98	0.000	0.378	0.378	0.492	10/15/2025	11:46
8	Q3341-01		1	2.53	100	7.40	2.10	0.000	0.000	0.000	-0.001	10/15/2025	11:47
9	Q3341-01DU		1	2.53	100	7.42	2.14	0.000	0.001	0.001	0.001	10/15/2025	11:47
10	Q3341-01MS	40	2	2.54	100	7.52	2.10	0.000	0.309	0.309	0.402	10/15/2025	11:48
11	Q3341-01MS	1284	40	2.53	100	7.50	2.11	0.000	0.595	0.595	0.775	10/15/2025	11:48
12	Q3341-01MS	40	2	2.54	100	7.49	2.17	0.000	0.359	0.359	0.467	10/15/2025	11:49
13	Q3341-02		1	2.51	100	7.60	2.18	0.006	0.007	0.001	0.001	10/15/2025	11:49
14	Q3341-03		1	2.57	100	7.36	2.06	0.004	0.004	0.000	-0.001	10/15/2025	11:50
15	Q3343-01		1	2.52	100	7.52	2.06	0.003	0.004	0.001	0.001	10/15/2025	11:50
16	CCV2	0.5	1	100	100	7.36	1.92	0.000	0.379	0.379	0.493	10/15/2025	11:51
17	CCB2		1	100	100	7.29	2.00	0.000	0.000	0.000	-0.001	10/15/2025	11:51
18	Q3345-01		1	2.56	100	7.52	2.01	0.006	0.009	0.003	0.003	10/15/2025	11:52
19	Q3345-03		1	2.54	100	7.59	1.90	0.004	0.005	0.001	0.001	10/15/2025	11:52
20	Q3345-05		1	2.57	100	7.57	1.88	0.004	0.004	0.000	-0.001	10/15/2025	11:53
21	CCV3	0.5	1	100	100	7.40	2.10	0.000	0.375	0.375	0.488	10/15/2025	11:53
22	CCB3		1	100	100	7.36	2.04	0.000	0.001	0.001	0.001	10/15/2025	11:54

6137

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

10/16/2025 8:27

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	1.005	0.0	0.209	
ICB1	0.026	0.0	0.023	
CCV1	0.993	0.0	0.207	
CCB1	0.028	0.0	0.024	
RL CHECK	0.106	0.0	0.038	
PB170110BL	0.028	0.0	0.024	
PB170110BS	1.000	0.0	0.208	
Q3341-01	0.029	0.0	0.024	
Q3341-02	0.030	0.0	0.024	
Q3341-03	0.028	0.0	0.024	
Q3341-03DUP	0.027	0.0	0.023	
Q3341-03MS	1.021	0.0	0.212	
Q3341-03MSD	1.021	0.0	0.212	
PB170111BL	0.030	0.0	0.024	
CCV2	1.000	0.0	0.208	
CCB2	0.030	0.0	0.024	
PB170111BS	0.967	0.0	0.202	
Q3344-01	1.102	0.0	0.228	
Q3345-07	0.031	0.0	0.024	
Q3345-07DUP	0.028	0.0	0.024	
Q3345-07MS	0.991	0.0	0.207	
Q3345-07MSD	1.000	0.0	0.208	
CCV3	1.004	0.0	0.209	
CCB3	0.033	0.0	0.025	

106% (50-150)

10/16/2025
RM

N 24
Mean 0.482
SD 0.4967
CV% 103.12

Aquakem v. 7.2AQ1

Results from time period:

Wed Oct 15 17:29:51 2025

Wed Oct 15 18:02:11 2025

Sample Id	Sam/Ctr/c	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-1 P		0.0352	mg/l	10/15/2025 12:03:14	
0.1PPM	A	Ammonia-1 P		0.1098	mg/l	10/15/2025 12:03:15	
0.2PPM	A	Ammonia-1 P		0.2064	mg/l	10/15/2025 12:03:16	
0.4PPM	A	Ammonia-1 P		0.3905	mg/l	10/15/2025 12:03:17	
1.0PPM	A	Ammonia-1 P		0.9659	mg/l	10/15/2025 12:03:18	
1.3PPM	A	Ammonia-1 P		1.2565	mg/l	10/15/2025 12:03:19	
2.0PPM	A	Ammonia-1 P		2.069	mg/l	10/15/2025 12:03:20	
ICV1	S	Ammonia-1 P		1.0045	mg/l	10/15/2025 17:29:51	
ICB1	S	Ammonia-1 P		0.0265	mg/l	10/15/2025 17:29:53	
CCV1	S	Ammonia-1 P		0.9932	mg/l	10/15/2025 17:29:56	
CCB1	S	Ammonia-1 P		0.0283	mg/l	10/15/2025 17:29:58	
RL CHECK	S	Ammonia-1 P		0.1062	mg/l	10/15/2025 17:30:00	
PB170110BL	S	Ammonia-1 P		0.0285	mg/l	10/15/2025 17:30:02	
PB170110BS	S	Ammonia-1 P		0.9998	mg/l	10/15/2025 17:40:35	
Q3341-01	S	Ammonia-1 P		0.0289	mg/l	10/15/2025 17:40:38	
Q3341-02	S	Ammonia-1 P		0.0304	mg/l	10/15/2025 17:40:39	
Q3341-03	S	Ammonia-1 P		0.028	mg/l	10/15/2025 17:40:41	
Q3341-03DUP	S	Ammonia-1 P		0.0271	mg/l	10/15/2025 17:40:44	
Q3341-03MS	S	Ammonia-1 P		1.0212	mg/l	10/15/2025 17:40:45	
Q3341-03MSD	S	Ammonia-1 P		1.0214	mg/l	10/15/2025 17:51:20	
PB170111BL	S	Ammonia-1 P		0.0301	mg/l	10/15/2025 17:51:21	
CCV2	S	Ammonia-1 P		0.9998	mg/l	10/15/2025 17:51:24	
CCB2	S	Ammonia-1 P		0.0301	mg/l	10/15/2025 17:51:25	
PB170111BS	S	Ammonia-1 P		0.967	mg/l	10/15/2025 17:51:27	
Q3344-01	S	Ammonia-1 P		1.1024	mg/l	10/15/2025 17:51:29	
Q3345-07	S	Ammonia-1 P		0.0308	mg/l	10/15/2025 18:02:00	
Q3345-07DUP	S	Ammonia-1 P		0.0285	mg/l	10/15/2025 18:02:02	
Q3345-07MS	S	Ammonia-1 P		0.991	mg/l	10/15/2025 18:02:04	
Q3345-07MSD	S	Ammonia-1 P		0.9998	mg/l	10/15/2025 18:02:06	
CCV3	S	Ammonia-1 P		1.0036	mg/l	10/15/2025 18:02:08	
CCB3	S	Ammonia-1 P		0.0328	mg/l	10/15/2025 18:02:11	

Calibration results

Aquakem 7.2AQ1

Page: 1

Alliance Technical Group
 284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

10/15/2025 12:09

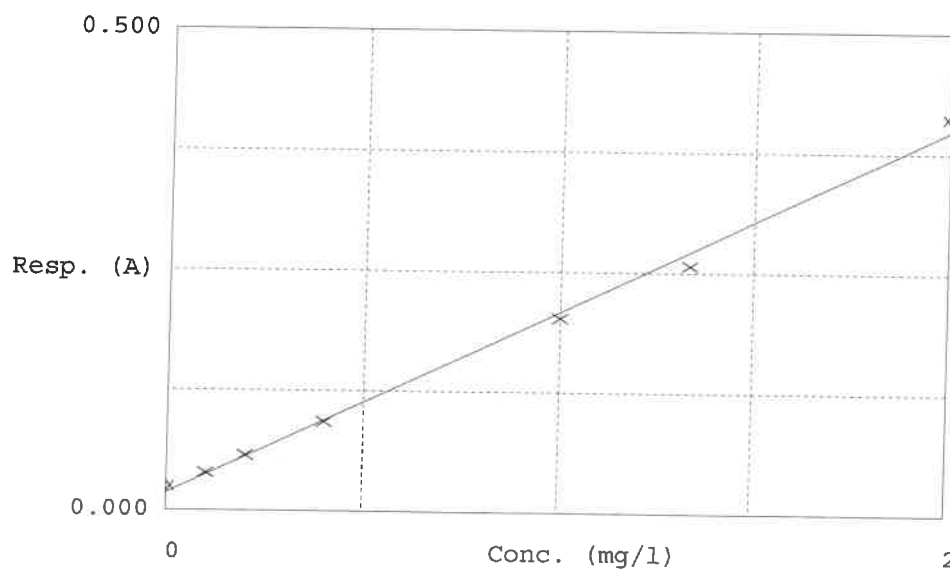
Test Ammonia-N

Accepted 10/15/2025 12:09

Factor 5.261
 Bias 0.018

Coeff. of det. 0.996068

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.025	0.0352	0.0000	-
2	NH3-2PPM	0.039	0.1098	0.1000	9.8
3	NH3-2PPM	0.058	0.2064	0.2000	3.2
4	NH3-2PPM	0.093	0.3905	0.4000	-2.4
5	NH3-2PPM	0.202	0.9659	1.0000	-3.4
6	NH3-2PPM	0.257	1.2565	1.3333	-3.3
7	NH3-2PPM	0.412	2.0690	2.0000	3.5

10/15/2025
 RM

SOP ID : MSM4500-NH3 B,G-Ammonia-18

SDG No : N/A

Start Digest Date: 10/15/2025 Time : 09:00 Temp : 150 °C

Matrix : SOIL

End Digest Date: 10/15/2025 Time : 10:00 Temp : 160 °C

Pipette ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#2

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : WC-DIST-BLOCK-1

Filter paper ID : N/A

Prep Technician Signature: RM

Weigh By : RM

pH Meter ID : N/A

Supervisor Signature: JB

Standard Name	MLS USED	STD REF. # FROM LOG
LCSS	1.0ML	WP115088
MS/MSD SPIKE SOL.	1.0ML	WP115087
RL CHECK	0.1ML	WP115088
PBS003	50.0ML	W3112
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
BORATE BUFFER	2.5ML	WP113836
NAOH 6N	0.5-2.0ML	WP113887
H2SO4 0.04N	5.0ML	WP112828
pH strip-Ammonia	N/A	W3133
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:

ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER REAGENT
WP114104,

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/15/2025 10:15	RM (WC)	RM (WC)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170110BL	PBS110	1.00	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB170110BS	LCS110	1.00	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3341-01	C-1	1.02	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3341-02	C-2	1.03	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3341-03	C-3	1.02	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3341-03DUP	C-3DUP	1.02	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3341-03MS	C-3MS	1.01	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3341-03MSD	C-3MSD	1.02	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : AMMONIA-Q3341

WorkList ID : 192439

Department : Distillation

Date : 10-14-2025 13:58:08

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3341-01	C-1	Solid	Ammonia	Cool 4 deg C	POWE02	J12	10/13/2025	SM4500-NH3
Q3341-02	C-2	Solid	Ammonia	Cool 4 deg C	POWE02	J12	10/13/2025	SM4500-NH3
Q3341-03	C-3	Solid	Ammonia	Cool 4 deg C	POWE02	J12	10/13/2025	SM4500-NH3

Date/Time 10/15/2025 08:15
Raw Sample Received by: RY (WCC)
Raw Sample Relinquished by: M Cool C 1

Date/Time 10/15/2025 11:20
Raw Sample Received by: JH (WCC)
Raw Sample Relinquished by: RY (WCC)

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137519

Review By	rubina	Review On	10/16/2025 9:50:48 AM
Supervise By	Iwona	Supervise On	10/16/2025 9:54:56 AM
SubDirectory	LB137519	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP115135,WP115136,WP115137,WP115138,WP115139,WP115140,WP115141		
ICV Standard	WP115142		
CCV Standard	WP115202		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115203		
Chk Standard	WP115143,WP115144		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	10/09/25 10:46	All standards, samples, and	RM/IZ	OK
2	STD2	STD2	CAL2	10/09/25 11:08	QC are filtered through	RM/IZ	OK
3	STD3	STD3	CAL3	10/09/25 11:29	0.45um, filter lot W3160	RM/IZ	OK
4	STD4	STD4	CAL4	10/09/25 11:51		RM/IZ	OK
5	STD5	STD5	CAL5	10/09/25 12:12		RM/IZ	OK
6	STD6	STD6	CAL6	10/09/25 12:34		RM/IZ	OK
7	STD7	STD7	CAL7	10/09/25 12:55		RM/IZ	OK
8	ICV1	ICV1	ICV	10/09/25 13:16		RM/IZ	OK
9	ICB1	ICB1	ICB	10/09/25 13:38		RM/IZ	OK
10	CCV1	CCV1	CCV	10/15/25 09:11		RM/IZ	OK
11	CCB1	CCB1	CCB	10/15/25 09:32		RM/IZ	OK
12	LB137519BLS	LB137519BLS	MB	10/15/25 09:54		RM/IZ	OK
13	LB137519BSS	LB137519BSS	LCS	10/15/25 10:15		RM/IZ	OK
14	Q3341-01	C-1	SAM	10/15/25 10:37	Cl is high, need dilution	RM/IZ	Dilution
15	Q3341-01MS	C-1MS	MS	10/15/25 10:58	5ml W3096	RM/IZ	OK
16	Q3341-01MSD	C-1MSD	MSD	10/15/25 11:20	5ml W3096	RM/IZ	OK
17	Q3341-02	C-2	SAM	10/15/25 11:42		RM/IZ	OK
18	Q3341-03	C-3	SAM	10/15/25 12:03		RM/IZ	OK

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137519

Review By	rubina	Review On	10/16/2025 9:50:48 AM
Supervise By	Iwona	Supervise On	10/16/2025 9:54:56 AM
SubDirectory	LB137519	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP115135,WP115136,WP115137,WP115138,WP115139,WP115140,WP115141		
ICV Standard	WP115142		
CCV Standard	WP115202		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115203		
Chk Standard	WP115143,WP115144		

19	Q3341-01DL	C-1DL	SAM	10/15/25 12:25	10X For Cl	RM/IZ	Confirms
20	CCV2	CCV2	CCV	10/15/25 12:46		RM/IZ	OK
21	CCB2	CCB2	CCB	10/15/25 13:08		RM/IZ	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137525

Review By	rubina	Review On	10/15/2025 2:13:51 PM
Supervise By	Iwona	Supervise On	10/15/2025 2:14:02 PM
SubDirectory	LB137525	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	WP115123,WP112831,WP112830,WP114310		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	10/15/25 11:40		rubina	OK
2	CAL2	CAL2	CAL	10/15/25 11:40		rubina	OK
3	CAL3	CAL3	CAL	10/15/25 11:41		rubina	OK
4	CAL4	CAL4	CAL	10/15/25 11:41		rubina	OK
5	CAL5	CAL5	CAL	10/15/25 11:42		rubina	OK
6	CAL6	CAL6	CAL	10/15/25 11:42		rubina	OK
7	CAL7	CAL7	CAL	10/15/25 11:43		rubina	OK
8	ICV	ICV	ICV	10/15/25 11:43		rubina	OK
9	ICB	ICB	ICB	10/15/25 11:44		rubina	OK
10	CCV1	CCV1	CCV	10/15/25 11:44		rubina	OK
11	CCB1	CCB1	CCB	10/15/25 11:45		rubina	OK
12	RL Check	RL Check	RL	10/15/25 11:45		rubina	OK
13	PB170093BL	PB170093BL	MB	10/15/25 11:46		rubina	OK
14	PB170093BS	PB170093BS	LCS	10/15/25 11:46		rubina	OK
15	Q3341-01	C-1	SAM	10/15/25 11:47		rubina	OK
16	Q3341-01DUP	C-1DUP	DUP	10/15/25 11:47		rubina	OK
17	Q3341-01MSPre	C-1MS	MS	10/15/25 11:48		rubina	OK
18	Q3341-01MS2Ins	C-1MS	MS	10/15/25 11:48		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137525

Review By	rubina	Review On	10/15/2025 2:13:51 PM
Supervise By	Iwona	Supervise On	10/15/2025 2:14:02 PM
SubDirectory	LB137525	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	WP115123,WP112831,WP112830,WP114310		

19	Q3341-01MS3Post	C-1MS	MS	10/15/25 11:49		rubina	OK
20	Q3341-02	C-2	SAM	10/15/25 11:49		rubina	OK
21	Q3341-03	C-3	SAM	10/15/25 11:50		rubina	OK
22	Q3343-01	SOIL-ROLLOFF-WC-	SAM	10/15/25 11:50		rubina	OK
23	CCV2	CCV2	CCV	10/15/25 11:51		rubina	OK
24	CCB2	CCB2	CCB	10/15/25 11:51		rubina	OK
25	Q3345-01	TANK-FARM-SOIL	SAM	10/15/25 11:52		rubina	OK
26	Q3345-03	2ND-STREET-SOIL	SAM	10/15/25 11:52		rubina	OK
27	Q3345-05	M-R-SOIL	SAM	10/15/25 11:53		rubina	OK
28	CCV3	CCV3	CCV	10/15/25 11:53		rubina	OK
29	CCB3	CCB3	CCB	10/15/25 11:54		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137539

Review By	rubina	Review On	10/17/2025 10:18:01 AM
Supervise By	Iwona	Supervise On	10/17/2025 12:55:23 PM
SubDirectory	LB137539	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP115213		
ICV Standard	WP115215		
CCV Standard	WP115214		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115088		
Chk Standard	WP114799,WP114133,WP113929,WP114132		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	10/15/25 12:03		rubina	OK
2	0.1PPM	0.1PPM	CAL2	10/15/25 12:03		rubina	OK
3	0.2PPM	0.2PPM	CAL3	10/15/25 12:03		rubina	OK
4	0.4PPM	0.4PPM	CAL4	10/15/25 12:03		rubina	OK
5	1.0PPM	1.0PPM	CAL5	10/15/25 12:03		rubina	OK
6	1.3PPM	1.3PPM	CAL6	10/15/25 12:03		rubina	OK
7	2.0PPM	2.0PPM	CAL7	10/15/25 12:03		rubina	OK
8	ICV1	ICV1	ICV	10/15/25 17:29		rubina	OK
9	ICB1	ICB1	ICB	10/15/25 17:29		rubina	OK
10	CCV1	CCV1	CCV	10/15/25 17:29		rubina	OK
11	CCB1	CCB1	CCB	10/15/25 17:29		rubina	OK
12	RL	RL	SAM	10/15/25 17:30		rubina	OK
13	PB170110BL	PB170110BL	MB	10/15/25 17:30		rubina	OK
14	PB170110BS	PB170110BS	LCS	10/15/25 17:40		rubina	OK
15	Q3341-01	C-1	SAM	10/15/25 17:40		rubina	OK
16	Q3341-02	C-2	SAM	10/15/25 17:40		rubina	OK
17	Q3341-03	C-3	SAM	10/15/25 17:40		rubina	OK
18	Q3341-03DUP	C-3DUP	DUP	10/15/25 17:40		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137539

Review By	rubina	Review On	10/17/2025 10:18:01 AM
Supervise By	Iwona	Supervise On	10/17/2025 12:55:23 PM
SubDirectory	LB137539	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP115213		
ICV Standard	WP115215		
CCV Standard	WP115214		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115088		
Chk Standard	WP114799,WP114133,WP113929,WP114132		

19	Q3341-03MS	C-3MS	MS	10/15/25 17:40		rubina	OK
20	Q3341-03MSD	C-3MSD	MSD	10/15/25 17:51		rubina	OK
21	PB170111BL	PB170111BL	MB	10/15/25 17:51		rubina	OK
22	CCV2	CCV2	CCV	10/15/25 17:51		rubina	OK
23	CCB2	CCB2	CCB	10/15/25 17:51		rubina	OK
24	PB170111BS	PB170111BS	LCS	10/15/25 17:51		rubina	OK
25	Q3344-01	1 EFFLUENT-COMP	SAM	10/15/25 17:51		rubina	OK
26	Q3345-07	TANK-FARM-WATER	SAM	10/15/25 18:02		rubina	OK
27	Q3345-07DUP	TANK-FARM-WATER	DUP	10/15/25 18:02		rubina	OK
28	Q3345-07MS	TANK-FARM-WATER	MS	10/15/25 18:02		rubina	OK
29	Q3345-07MSD	TANK-FARM-WATER	MSD	10/15/25 18:02		rubina	OK
30	CCV3	CCV3	CCV	10/15/25 18:02		rubina	OK
31	CCB3	CCB3	CCB	10/15/25 18:02		rubina	OK

Instrument ID: GRAVIMETRIC

Daily Analysis Runlog For Sequence/QC Batch ID # LB137568

Review By	rubina	Review On	10/16/2025 4:34:37 PM
Supervise By	Iwona	Supervise On	10/16/2025 4:34:58 PM
SubDirectory	LB137568	Test	Trivalent 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	N/A		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	Q3341-01	C-1	SAM	10/15/25 19:15		Ayul	OK
2	Q3341-02	C-2	SAM	10/15/25 19:19		Ayul	OK
3	Q3341-03	C-3	SAM	10/15/25 19:23		Ayul	OK



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/15/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137520

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q3340-01	CONCRETE-1	1	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3340-02	CONCRETE-2	2	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3340-03	CONCRETE-3	3	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3341-01	C-1	4	1.18	10.40	11.58	9.39	78.9	
Q3341-02	C-2	5	1.16	10.33	11.49	9.7	82.7	
Q3341-03	C-3	6	1.19	10.64	11.83	9.71	80.1	
Q3342-01	CONC-ROLLOFF-WC-1	7	1.14	10.24	11.38	9.8	84.6	
Q3343-01	SOIL-ROLLOFF-WC-1	8	1.15	10.46	11.61	10.6	90.3	
Q3343-02	SOIL-ROLLOFF-WC-1-EPH	9	1.11	10.68	11.79	10.71	89.9	
Q3343-03	SOIL-ROLLOFF-WC-1-VOC	10	1.16	10.74	11.9	10.82	89.9	
Q3345-01	TANK-FARM-SOIL	11	1.18	10.48	11.66	9.98	84.0	
Q3345-03	2ND-STREET-SOIL	12	1.14	10.85	11.99	10.63	87.5	
Q3345-05	M-R-SOIL	13	1.11	10.72	11.83	10.38	86.5	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$



SHIPPING DOCUMENTS

CLIENT INFORMATION

COMPANY: **Kleinfelder**
ADDRESS: **180 Shoreline Blvd.**
CITY: **Exton** STATE: **PA** ZIP:
ATTENTION: **Mark Warcho**
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: **Webster School**
PROJECT NO.: LOCATION:
PROJECT MANAGER: **Mark Warcho**
e-mail: PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: **Kleinfelder** PO#:
ADDRESS:
CITY: **Framingham** STATE: **MA** ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) **5** DAYS*
HARDCOPY (DATA PACKAGE): 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

PADEP Clean Fill

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	C-1	soil	X		10/13/25	9:45	3	X									
2.	C-2	↓	X		↓	10:10	3	X									
3.	C-3	↓	X		↓	10:35	3	X									
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. Mark Warcho	DATE/TIME: 10/13/25 12:30	RECEIVED BY: 1. [Signature]	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.9°C Comments: PADEP Clean Fill Parameters 7th Gen #1
RELINQUISHED BY SAMPLER: 2. [Signature]	DATE/TIME: 10/14/25 12:00	RECEIVED BY: 2. [Signature]	
RELINQUISHED BY SAMPLER: 3. [Signature]	DATE/TIME:	RECEIVED BY: 3. [Signature]	

Page ____ of ____ 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 : Q3341	POWE02	Order Date : 10/14/2025 12:11:00 PM	Project Mgr :
Client Name : Kleinfelder		Project Name : Webster School	Report Type : Results+QC
Client Contact : Mark Warchol		Receive DateTime : 10/14/2025 12:00:00 PM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Kleinfelder		Purchase Order :	Hard Copy Date :
Invoice Contact : Mark Warchol			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3341-01	C-1	Solid	10/13/2025	09:45					
					VOCMS Group1		8260D	5 Bus. Days	
Q3341-02	C-2	Solid	10/13/2025	10:10					
					VOCMS Group1		8260D	5 Bus. Days	
Q3341-03	C-3	Solid	10/13/2025	10:35					
					VOCMS Group1		8260D	5 Bus. Days	

Relinquished By :

Date / Time : 10/14/25 1230

Received By :

Date / Time :

Storage Area : VOA Refridgerator Room