

Cover Page

Order ID : P5382

Project ID : Comegys School

Client : Kleinfelder

Lab Sample Number

P5382-01
P5382-02
P5382-03
P5382-04
P5382-05
P5382-06
P5382-07
P5382-08
P5382-09
P5382-10
P5382-11
P5382-12
P5382-13
P5382-14
P5382-15

Client Sample Number

COMP-1
COMP-2
COMP-3
SB-1
SB-2
SB-3
SB-4
SB-5
SB-6
SB-7
SB-8
SB-9
SB-10
SB-11
SB-12

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

Signature : _____

Date: 12/28/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- INORGANIC

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P5382

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: NILESH PRAJAPATI

Date: 12/28/2024

LAB CHRONICLE

OrderID:	P5382	OrderDate:	12/23/2024 11:39:00 AM
Client:	Kleinfelder	Project:	Comegys School
Contact:	Mark Warchol	Location:	N31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5382-01	COMP-1	SOIL			12/20/24 09:15			12/23/24
			Ammonia	SM4500-NH3		12/26/24	12/26/24 11:58	
			Anions Group1	9056A			12/26/24 11:19	
			Hexavalent Chromium	7196A		12/26/24	12/26/24 12:24	
			Trivalent Chromium	6010D			12/30/24 15:06	
P5382-02	COMP-2	SOIL			12/20/24 09:50			12/23/24
			Ammonia	SM4500-NH3		12/26/24	12/26/24 11:58	
			Anions Group1	9056A			12/26/24 12:24	
			Hexavalent Chromium	7196A		12/26/24	12/26/24 12:25	
			Trivalent Chromium	6010D			12/30/24 15:11	
P5382-03	COMP-3	SOIL			12/20/24 10:35			12/23/24
			Ammonia	SM4500-NH3		12/26/24	12/26/24 11:58	
			Anions Group1	9056A			12/26/24 12:45	
			Hexavalent Chromium	7196A		12/26/24	12/26/24 12:26	
			Trivalent Chromium	6010D			12/30/24 15:15	



SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	12/20/24 09:15
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-1	SDG No.:	P5382
Lab Sample ID:	P5382-01	Matrix:	SOIL
		% Solid:	82.8

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	1.70	J	1	1.10	5.90	mg/Kg	12/26/24 08:30	12/26/24 11:58	SM 4500-NH3 B plus G-11
Chloride	7.00	J	1	0.12	14.4	mg/Kg		12/26/24 11:19	9056A
Fluoride	6.80	J	1	0.46	9.60	mg/Kg		12/26/24 11:19	9056A
Sulfate	40.6	J	1	0.73	72.2	mg/Kg		12/26/24 11:19	9056A
Hexavalent Chromium	0.095	U	1	0.095	0.48	mg/Kg	12/26/24 09:10	12/26/24 12:24	7196A
Trivalent Chromium	29.3		1	0.60	0.60	mg/Kg		12/30/24 15:06	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	Date Collected:	12/20/24 09:50
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-2	SDG No.:	P5382
Lab Sample ID:	P5382-02	Matrix:	SOIL
		% Solid:	82.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	3.00	J	1	1.00	5.80	mg/Kg	12/26/24 08:30	12/26/24 11:58	SM 4500-NH3 B plus G-11
Chloride	9.70	J	1	0.12	14.5	mg/Kg		12/26/24 12:24	9056A
Fluoride	8.60	J	1	0.46	9.70	mg/Kg		12/26/24 12:24	9056A
Sulfate	35.5	J	1	0.74	72.6	mg/Kg		12/26/24 12:24	9056A
Hexavalent Chromium	0.094	U	1	0.094	0.48	mg/Kg	12/26/24 09:10	12/26/24 12:25	7196A
Trivalent Chromium	14.4		1	0.61	0.61	mg/Kg		12/30/24 15:11	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	Date Collected:	12/20/24 10:35
Project:	Comegys School	Date Received:	12/23/24
Client Sample ID:	COMP-3	SDG No.:	P5382
Lab Sample ID:	P5382-03	Matrix:	SOIL
		% Solid:	82.8

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Ammonia as N	1.50	J	1	1.10	6.00	mg/Kg	12/26/24 08:30	12/26/24 11:58	SM 4500-NH3 B plus G-11
Chloride	7.20	J	1	0.12	14.4	mg/Kg		12/26/24 12:45	9056A
Fluoride	6.90	J	1	0.46	9.60	mg/Kg		12/26/24 12:45	9056A
Sulfate	33.3	J	1	0.73	72.2	mg/Kg		12/26/24 12:45	9056A
Hexavalent Chromium	0.094	U	1	0.094	0.48	mg/Kg	12/26/24 09:10	12/26/24 12:26	7196A
Trivalent Chromium	18.7		1	0.60	0.60	mg/Kg		12/30/24 15:15	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



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Kleinfelder

SDG No.: P5382

Project: Comegys School

RunNo.: LB134081

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	10.3	10	103	90-110	12/18/2024
Chloride	mg/L	3.1	3	103	90-110	12/18/2024
Fluoride	mg/L	2	2	100	90-110	12/18/2024
Nitrite	mg/L	3.1	3	103	90-110	12/18/2024
Nitrate	mg/L	2.6	2.5	104	90-110	12/18/2024
Sulfate	mg/L	15.3	15	102	90-110	12/18/2024
Orthophosphate as P	mg/L	5.1	5	102	90-110	12/18/2024
Sample ID: CCV1						
Bromide	mg/L	10.4	10	104	90-110	12/26/2024
Chloride	mg/L	3.1	3	103	90-110	12/26/2024
Fluoride	mg/L	2.1	2	105	90-110	12/26/2024
Nitrite	mg/L	3.1	3	103	90-110	12/26/2024
Nitrate	mg/L	2.6	2.5	104	90-110	12/26/2024
Sulfate	mg/L	15.7	15	105	90-110	12/26/2024
Orthophosphate as P	mg/L	4.9	5	98	90-110	12/26/2024
Sample ID: CCV2						
Bromide	mg/L	10.4	10	104	90-110	12/26/2024
Chloride	mg/L	3.1	3	103	90-110	12/26/2024
Fluoride	mg/L	2.1	2	105	90-110	12/26/2024
Nitrite	mg/L	3.1	3	103	90-110	12/26/2024
Nitrate	mg/L	2.6	2.5	104	90-110	12/26/2024
Sulfate	mg/L	15.5	15	103	90-110	12/26/2024
Orthophosphate as P	mg/L	5.3	5	106	90-110	12/26/2024

Initial and Continuing Calibration Verification

Client: Kleinfelder

SDG No.: P5382

Project: Comegys School

RunNo.: LB134085

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.499	0.5	100	90-110	12/26/2024
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.502	0.5	100	90-110	12/26/2024
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.499	0.5	100	90-110	12/26/2024

Initial and Continuing Calibration Verification

Client: Kleinfelder

SDG No.: P5382

Project: Comegys School

RunNo.: LB134087

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Ammonia as N	mg/L	1	1	100	90-110	12/26/2024
Sample ID: CCV1 Ammonia as N	mg/L	0.98	1	98	90-110	12/26/2024
Sample ID: CCV2 Ammonia as N	mg/L	1	1	100	90-110	12/26/2024
Sample ID: CCV3 Ammonia as N	mg/L	1	1	100	90-110	12/26/2024
Sample ID: CCV4 Ammonia as N	mg/L	1	1	100	90-110	12/26/2024

Initial and Continuing Calibration Blank Summary

Client: Kleinfelder

SDG No.: P5382

Project: Comegys School

RunNo.: LB134081

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.034	2	12/18/2024
Chloride	mg/L	< 0.3000	0.3000	U	0.011	0.6	12/18/2024
Fluoride	mg/L	< 0.2000	0.2000	U	0.057	0.4	12/18/2024
Nitrite	mg/L	< 0.3000	0.3000	U	0.011	0.6	12/18/2024
Nitrate	mg/L	< 0.2500	0.2500	U	0.0034	0.5	12/18/2024
Sulfate	mg/L	< 1.5000	1.5000	U	0.032	3	12/18/2024
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.079	1	12/18/2024
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.034	2	12/26/2024
Chloride	mg/L	< 0.3000	0.3000	U	0.011	0.6	12/26/2024
Fluoride	mg/L	< 0.2000	0.2000	U	0.057	0.4	12/26/2024
Nitrite	mg/L	< 0.3000	0.3000	U	0.011	0.6	12/26/2024
Nitrate	mg/L	< 0.2500	0.2500	U	0.0034	0.5	12/26/2024
Sulfate	mg/L	< 1.5000	1.5000	U	0.032	3	12/26/2024
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.079	1	12/26/2024
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.034	2	12/26/2024
Chloride	mg/L	< 0.3000	0.3000	U	0.011	0.6	12/26/2024
Fluoride	mg/L	< 0.2000	0.2000	U	0.057	0.4	12/26/2024
Nitrite	mg/L	< 0.3000	0.3000	U	0.011	0.6	12/26/2024
Nitrate	mg/L	< 0.2500	0.2500	U	0.0034	0.5	12/26/2024
Sulfate	mg/L	< 1.5000	1.5000	U	0.032	3	12/26/2024
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.079	1	12/26/2024

Initial and Continuing Calibration Blank Summary

Client: Kleinfelder

SDG No.: P5382

Project: Comegys School

RunNo.: LB134085

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	12/26/2024
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	12/26/2024
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	12/26/2024

Initial and Continuing Calibration Blank Summary

Client: Kleinfelder

SDG No.: P5382

Project: Comegys School

RunNo.: LB134087

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.045	0.1	12/26/2024
Sample ID: CCB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.045	0.1	12/26/2024
Sample ID: CCB2 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.045	0.1	12/26/2024
Sample ID: CCB3 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.045	0.1	12/26/2024
Sample ID: CCB4 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.045	0.1	12/26/2024

Preparation Blank Summary

Client: Kleinfelder

SDG No.: P5382

Project: Comegys School

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB134081BLS							
Bromide	mg/Kg	< 20.0000	20.0000	U	0.49	40	12/26/2024
Chloride	mg/Kg	< 6.0000	6.0000	U	0.096	12	12/26/2024
Fluoride	mg/Kg	< 4.0000	4.0000	U	0.38	8	12/26/2024
Nitrite	mg/Kg	< 6.0000	6.0000	U	0.19	12	12/26/2024
Nitrate	mg/Kg	< 5.0000	5.0000	U	0.089	10	12/26/2024
Sulfate	mg/Kg	< 30.0000	30.0000	U	0.61	60	12/26/2024
Orthophosphate as P	mg/Kg	< 10.0000	10.0000	U	0.24	20	12/26/2024
Sample ID: PB165837BL							
Ammonia as N	mg/Kg	< 2.5000	2.5000	U	0.9	5	12/26/2024
Sample ID: PB165838BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.079	0.4	12/26/2024

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	P5382
Project:	Comegys School	Sample ID:	P5382-01
Client ID:	COMP-1MS	Percent Solids for Spike Sample:	82.8

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	61.7		1.70	J	59.2	1	101		12/26/2024
Bromide	mg/Kg	80-120	256		0.59	U	240	1	107		12/26/2024
Chloride	mg/Kg	80-120	80.6		7.00	J	72	1	102		12/26/2024
Fluoride	mg/Kg	80-120	51.7		6.80	J	48	1	94		12/26/2024
Nitrite	mg/Kg	80-120	76.4		0.23	U	72	1	106		12/26/2024
Nitrate	mg/Kg	80-120	63.9		4.40	J	60	1	99		12/26/2024
Sulfate	mg/Kg	80-120	393		40.6	J	360	1	98		12/26/2024
Orthophosphate as P	mg/Kg	80-120	111		0.29	U	120	1	92		12/26/2024

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	P5382
Project:	Comegys School	Sample ID:	P5382-01
Client ID:	COMP-1MSD	Percent Solids for Spike Sample:	82.8

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	59.5		1.70	J	58.6	1	99		12/26/2024
Bromide	mg/Kg	80-120	255		0.59	U	240	1	106		12/26/2024
Chloride	mg/Kg	80-120	81.4		7.00	J	72	1	103		12/26/2024
Fluoride	mg/Kg	80-120	52.1		6.80	J	48	1	94		12/26/2024
Nitrite	mg/Kg	80-120	76.4		0.23	U	72	1	106		12/26/2024
Nitrate	mg/Kg	80-120	64.1		4.40	J	60	1	99		12/26/2024
Sulfate	mg/Kg	80-120	393		40.6	J	360	1	98		12/26/2024
Orthophosphate as P	mg/Kg	80-120	107		0.29	U	120	1	89		12/26/2024

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	P5382
Project:	Comegys School	Sample ID:	P5383-01
Client ID:	OK-02-12232024MS	Percent Solids for Spike Sample:	92.4

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	1360		0.085	U	1390	40	98		12/26/2024

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	P5382
Project:	Comegys School	Sample ID:	P5383-01
Client ID:	OK-02-12232024MS	Percent Solids for Spike Sample:	92.4

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	41.7		0.085	U	43.3	2	96		12/26/2024

Matrix Spike Summary

Client:	Kleinfelder	SDG No.:	P5382
Project:	Comegys School	Sample ID:	P5383-01
Client ID:	OK-02-12232024MS	Percent Solids for Spike Sample:	92.4

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	34.7		0.085	U	43.3	2	80		12/26/2024

Duplicate Sample Summary

Client: Kleinfelder Project: Comegys School Client ID: COMP-1DUP	SDG No.: P5382 Sample ID: P5382-01 Percent Solids for Spike Sample: 82.8
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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	1.70	J	1.50	J	1	12		12/26/2024

Duplicate Sample Summary

Client: Kleinfelder Project: Comegys School Client ID: COMP-1MSD	SDG No.: P5382 Sample ID: P5382-01 Percent Solids for Spike Sample: 82.8
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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		12/26/2024
Nitrate	mg/Kg	+/-15	63.9		64.1		1	0		12/26/2024
Nitrite	mg/Kg	+/-15	76.4		76.4		1	0		12/26/2024
Sulfate	mg/Kg	+/-15	393		393		1	0		12/26/2024
Chloride	mg/Kg	+/-15	80.6		81.4		1	1		12/26/2024
Fluoride	mg/Kg	+/-15	51.7		52.1		1	1		12/26/2024
Orthophosphate as P	mg/Kg	+/-15	111		107		1	4		12/26/2024
Ammonia as N	mg/Kg	+/-20	61.7		59.5		1	4		12/26/2024

Duplicate Sample Summary

Client:	Kleinfelder	SDG No.:	P5382
Project:	Comegys School	Sample ID:	P5383-01
Client ID:	OK-02-12232024DUP	Percent Solids for Spike Sample:	92.4

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.085	U	0.085	U	1	0		12/26/2024

Laboratory Control Sample Summary

Client: Kleinfelder
Project: Comegys School

SDG No.: P5382
Run No.: LB134081

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB134081BSS							
Bromide	mg/Kg	200	209		104	1	90-110	12/26/2024
Chloride	mg/Kg	60	62.4		104	1	90-110	12/26/2024
Fluoride	mg/Kg	40	41.6		104	1	90-110	12/26/2024
Nitrite	mg/Kg	60	62.3		104	1	90-110	12/26/2024
Nitrate	mg/Kg	50	52.0		104	1	90-110	12/26/2024
Sulfate	mg/Kg	300	312		104	1	90-110	12/26/2024
Orthophosphate as P	mg/Kg	100	103		103	1	90-110	12/26/2024

Laboratory Control Sample Summary

Client: Kleinfelder

SDG No.: P5382

Project: Comegys School

Run No.: LB134087

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB165837BS							
Ammonia as N	mg/Kg	50	49.6		99	1	90-110	12/26/2024

Laboratory Control Sample Summary

Client: Kleinfelder

SDG No.: P5382

Project: Comegys School

Run No.: LB134085

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB165838BS							
Hexavalent Chromium	mg/Kg	20	20.0		100	1	84-110	12/26/2024

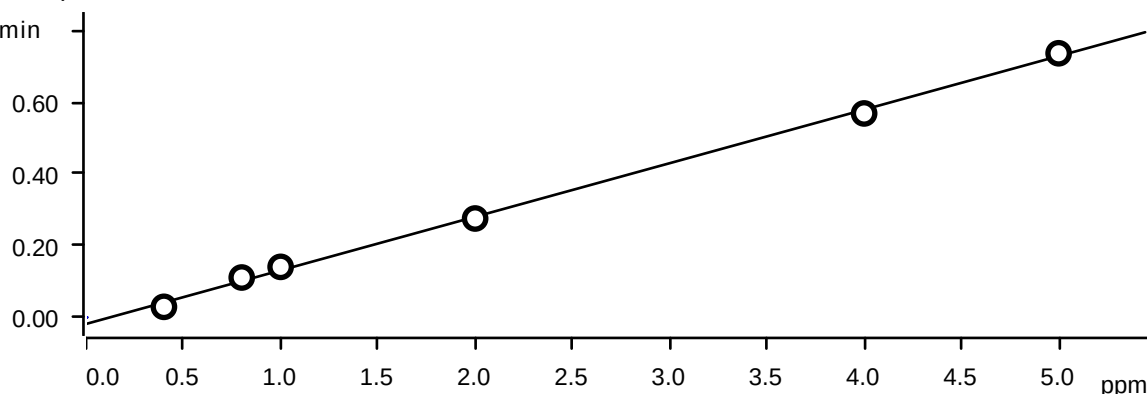


RAW DATA

Instrument I		IC-1	Analyst: NF		Method: J0.0 / 9056A		Method name		date time	initial wt/Final Vc	Analyst
Ident	Con F-	Con CL-	Con NO2	Con BR-	Con NO3	Con HPO4	Con SO4	Method name	date time	initial wt/Final Vc	Analyst
STD1	0	0	0	0	0	0	0	IC1-121824	12/18/2024 10:39	10	NF/IZ
STD2	0.319	0.475	0.485	1.586	0.405	0.794	2.525	IC1-121824	12/18/2024 11:00	10	NF/IZ
STD3	0.867	1.29	1.286	4.307	1.073	2.153	6.454	IC1-121824	12/18/2024 11:22	10	NF/IZ
STD4	1.065	1.59	1.587	5.29	1.327	2.68	7.947	IC1-121824	12/18/2024 11:43	10	NF/IZ
STD5	1.968	2.98	2.975	9.935	2.472	4.928	14.761	IC1-121824	12/18/2024 12:04	10	NF/IZ
STD6	3.929	5.897	5.891	19.654	4.906	9.805	29.16	IC1-121824	12/18/2024 12:26	10	NF/IZ
STD7	5.052	7.568	7.575	25.229	6.317	12.641	37.652	IC1-121824	12/18/2024 12:47	10	NF/IZ
ICV	2.021	3.088	3.087	10.28	2.565	5.117	15.271	IC1-121824	12/18/2024 13:09	10	NF/IZ
ICB	0	0	0	0	0	0	0	IC1-121824	12/18/2024 13:30	10	NF/IZ
CCV	2.082	3.132	3.1	10.411	2.596	4.919	15.65	IC1-121824	12/26/2024 9:53	10	NF/IZ
CCB	0	0	0	0	0	0	0	IC1-121824	12/26/2024 10:14	10	NF/IZ
LB134081BLS	0	0	0	0	0	0	0	IC1-121824	12/26/2024 10:36	5.00g/100ML	NF/IZ
LB134081BSS	2.078	3.122	3.113	10.431	2.599	5.125	15.617	IC1-121824	12/26/2024 10:57	5.00g/100ML	NF/IZ
P5382-01	0.281	0.293	0	0	0.182	0	1.688	IC1-121824	12/26/2024 11:19	5.02g/100ML	NF/IZ
P5382-01MS	2.152	3.358	3.184	10.667	2.663	4.618	16.373	IC1-121824	12/26/2024 11:40	5.03g/100ML	NF/IZ
P5382-01MSD	2.168	3.389	3.181	10.625	2.669	4.458	16.37	IC1-121824	12/26/2024 12:02	5.03g/100ML	NF/IZ
P5382-02	0.355	0.401	0	0	0.177	0	1.466	IC1-121824	12/26/2024 12:24	5.01g/100ML	NF/IZ
P5382-03	0.286	0.3	0	0	0	0	1.383	IC1-121824	12/26/2024 12:45	5.02g/100ML	NF/IZ
CCV	2.065	3.141	3.111	10.43	2.6	5.262	15.514	IC1-121824	12/26/2024 13:07	10	NF/IZ
CCB	0	0	0	0	0	0	0	IC1-121824	12/26/2024 13:28	10	NF/IZ

Fluoride (Anions)

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



Function: $A = -0.0183596 + 0.0149351 \times Q$

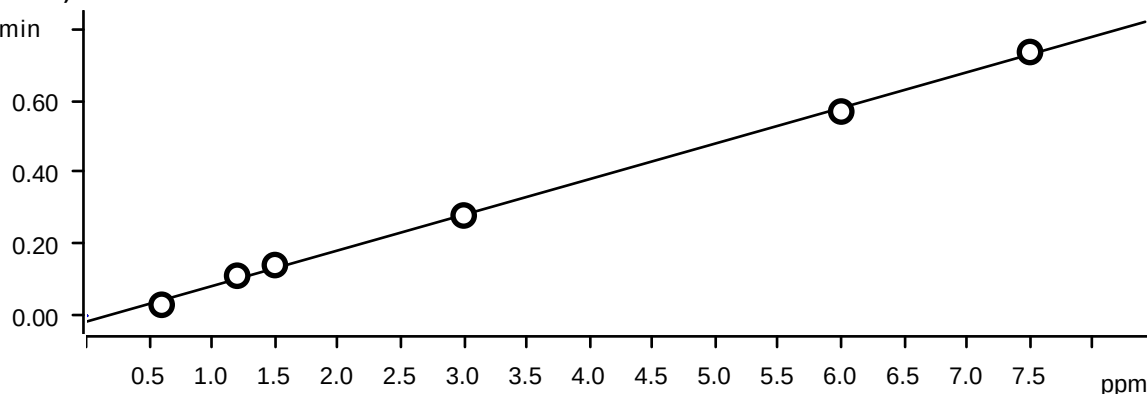
Relative standard deviation 3.731557 %

Correlation coefficient 0.999324

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 2	1	0.400	10.0	1.0	1.0	0.029	STD2	2024-12-18 11:00:37 UTC-5	used
Standard 3	1	0.800	10.0	1.0	1.0	0.111	STD3	2024-12-18 11:22:01 UTC-5	used
Standard 4	1	1.000	10.0	1.0	1.0	0.141	STD4	2024-12-18 11:43:26 UTC-5	used
Standard 5	1	2.000	10.0	1.0	1.0	0.276	STD5	2024-12-18 12:04:52 UTC-5	used
Standard 6	1	4.000	10.0	1.0	1.0	0.568	STD6	2024-12-18 12:26:18 UTC-5	used
Standard 7	1	5.000	10.0	1.0	1.0	0.736	STD7	2024-12-18 12:47:45 UTC-5	used

Chloride (Anions)

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

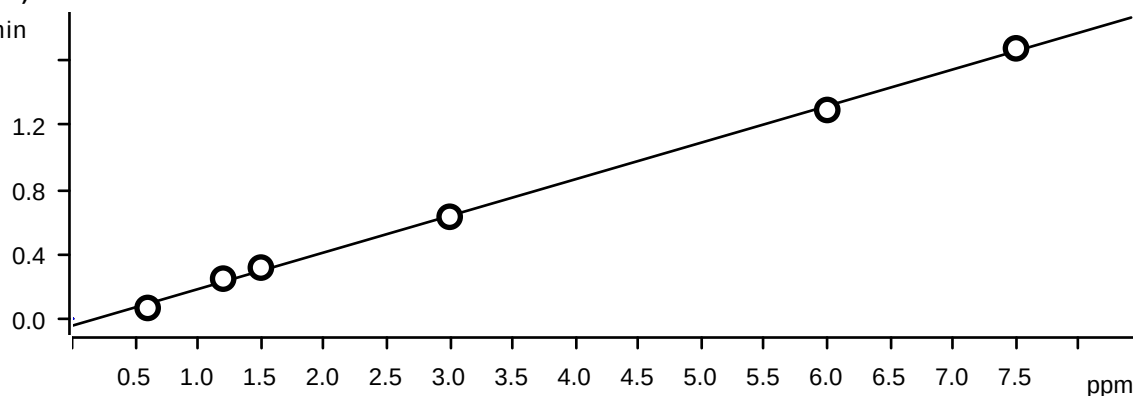


Function: $A = -0.0165562 + 9.93613E-3 \times Q$

Relative standard deviation 3.466087 %

Correlation coefficient 0.999410

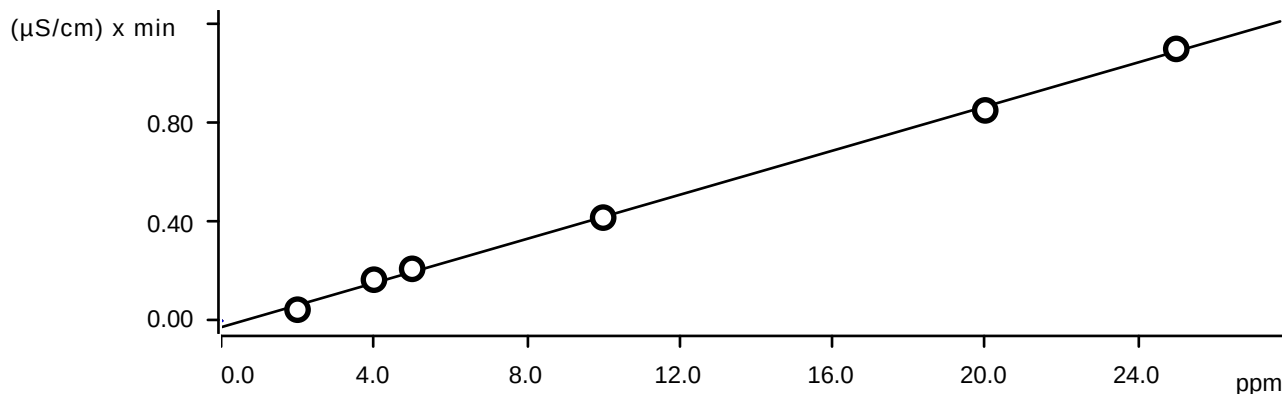
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 2	1	0.600	10.0	1.0	1.0	0.031	STD2	2024-12-18 11:00:37 UTC-5	used
Standard 3	1	1.200	10.0	1.0	1.0	0.112	STD3	2024-12-18 11:22:01 UTC-5	used
Standard 4	1	1.500	10.0	1.0	1.0	0.141	STD4	2024-12-18 11:43:26 UTC-5	used
Standard 5	1	3.000	10.0	1.0	1.0	0.280	STD5	2024-12-18 12:04:52 UTC-5	used
Standard 6	1	6.000	10.0	1.0	1.0	0.569	STD6	2024-12-18 12:26:18 UTC-5	used
Standard 7	1	7.500	10.0	1.0	1.0	0.735	STD7	2024-12-18 12:47:45 UTC-5	used

Nitrite (Anions) $(\mu\text{S/cm}) \times \text{min}$ Function: $A = -0.0434679 + 0.0226901 \times Q$

Relative standard deviation 3.455351 %

Correlation coefficient 0.999423

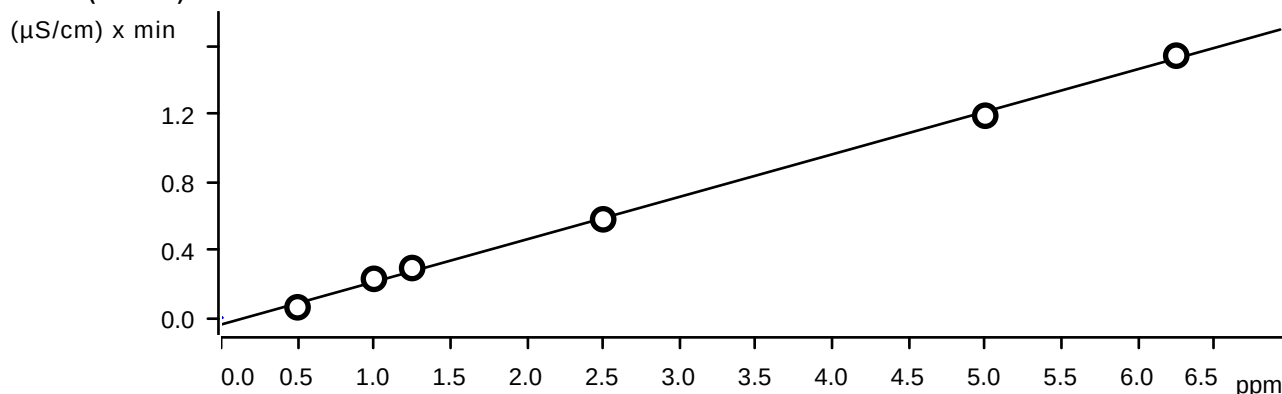
Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 2	1	0.600	10.0	1.0	1.0	0.067	STD2	2024-12-18 11:00:37 UTC-5	used
Standard 3	1	1.200	10.0	1.0	1.0	0.248	STD3	2024-12-18 11:22:01 UTC-5	used
Standard 4	1	1.500	10.0	1.0	1.0	0.317	STD4	2024-12-18 11:43:26 UTC-5	used
Standard 5	1	3.000	10.0	1.0	1.0	0.632	STD5	2024-12-18 12:04:52 UTC-5	used
Standard 6	1	6.000	10.0	1.0	1.0	1.293	STD6	2024-12-18 12:26:18 UTC-5	used
Standard 7	1	7.500	10.0	1.0	1.0	1.675	STD7	2024-12-18 12:47:45 UTC-5	used

Bromide (Anions)Function: $A = -0.0255661 + 4.44233\text{E-}3 \times Q$

Relative standard deviation 3.478545 %

Correlation coefficient 0.999408

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 2	1	2.000	10.0	1.0	1.0	0.045	STD2	2024-12-18 11:00:37 UTC-5	used
Standard 3	1	4.000	10.0	1.0	1.0	0.166	STD3	2024-12-18 11:22:01 UTC-5	used
Standard 4	1	5.000	10.0	1.0	1.0	0.209	STD4	2024-12-18 11:43:26 UTC-5	used
Standard 5	1	10.000	10.0	1.0	1.0	0.416	STD5	2024-12-18 12:04:52 UTC-5	used
Standard 6	1	20.000	10.0	1.0	1.0	0.848	STD6	2024-12-18 12:26:18 UTC-5	used
Standard 7	1	25.000	10.0	1.0	1.0	1.095	STD7	2024-12-18 12:47:45 UTC-5	used

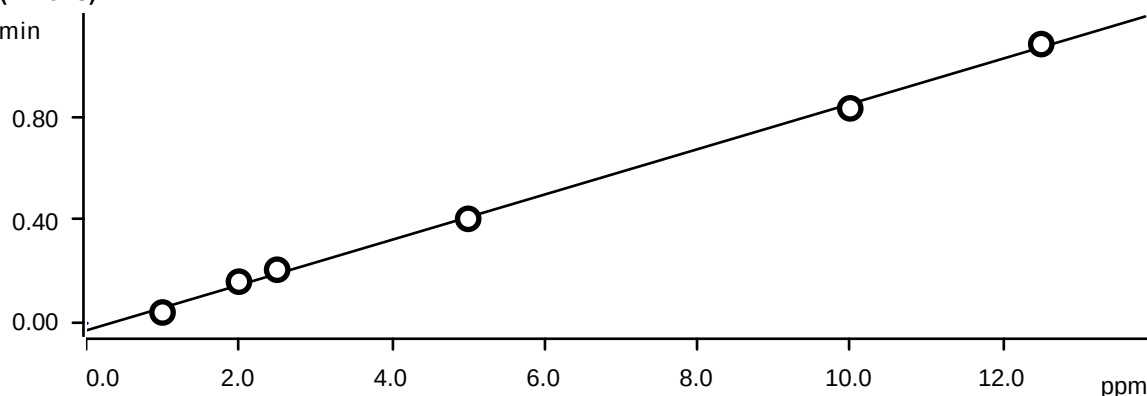
Nitrate (Anions)Function: $A = -0.0400484 + 0.0250507 \times Q$

Relative standard deviation 3.586984 %

Correlation coefficient 0.999378

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 2	1	0.500	10.0	1.0	1.0	0.061	STD2	2024-12-18 11:00:37 UTC-5	used

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 3	1	1.000	10.0	1.0	1.0	0.229	STD3	2024-12-18 11:22:01 UTC-5	used
Standard 4	1	1.250	10.0	1.0	1.0	0.292	STD4	2024-12-18 11:43:26 UTC-5	used
Standard 5	1	2.500	10.0	1.0	1.0	0.579	STD5	2024-12-18 12:04:52 UTC-5	used
Standard 6	1	5.000	10.0	1.0	1.0	1.189	STD6	2024-12-18 12:26:18 UTC-5	used
Standard 7	1	6.250	10.0	1.0	1.0	1.542	STD7	2024-12-18 12:47:45 UTC-5	used

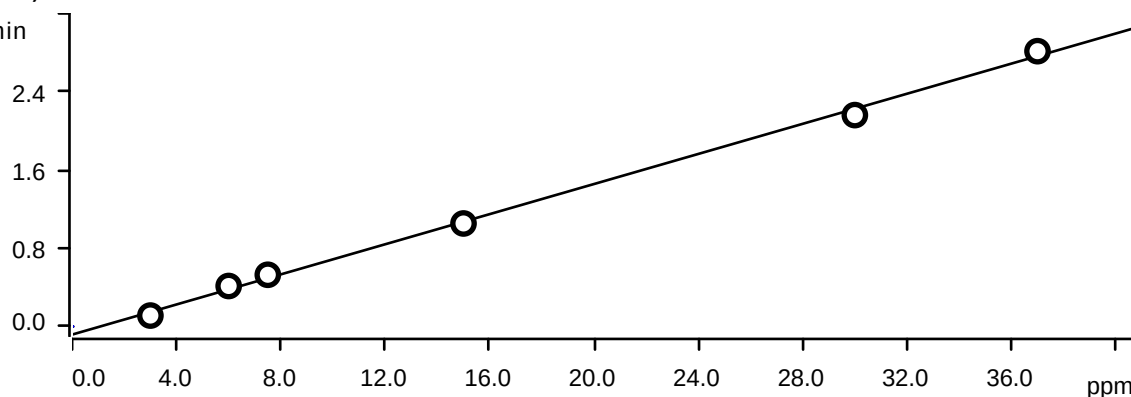
Phosphate (Anions) $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0282076 + 8.77175E-3 \times Q$

Relative standard deviation 3.880200 %

Correlation coefficient 0.999273

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 2	1	1.000	10.0	1.0	1.0	0.041	STD2	2024-12-18 11:00:37 UTC-5	used
Standard 3	1	2.000	10.0	1.0	1.0	0.161	STD3	2024-12-18 11:22:01 UTC-5	used
Standard 4	1	2.500	10.0	1.0	1.0	0.207	STD4	2024-12-18 11:43:26 UTC-5	used
Standard 5	1	5.000	10.0	1.0	1.0	0.404	STD5	2024-12-18 12:04:52 UTC-5	used
Standard 6	1	10.000	10.0	1.0	1.0	0.832	STD6	2024-12-18 12:26:18 UTC-5	used
Standard 7	1	12.500	10.0	1.0	1.0	1.081	STD7	2024-12-18 12:47:45 UTC-5	used

Sulfate (Anions)

 $(\mu\text{S}/\text{cm}) \times \text{min}$ Function: $A = -0.0827937 + 7.69466E-3 \times Q$

Relative standard deviation 4.394299 %

Correlation coefficient 0.999072

Sample type	Index	Conc.	Volume	Dilution	Sample amount	Area	Ident	Date	Used
Standard 2	1	3.000	10.0	1.0	1.0	0.112	STD2	2024-12-18 11:00:37 UTC-5	used
Standard 3	1	6.000	10.0	1.0	1.0	0.414	STD3	2024-12-18 11:22:01 UTC-5	used
Standard 4	1	7.500	10.0	1.0	1.0	0.529	STD4	2024-12-18 11:43:26 UTC-5	used
Standard 5	1	15.000	10.0	1.0	1.0	1.053	STD5	2024-12-18 12:04:52 UTC-5	used
Standard 6	1	30.000	10.0	1.0	1.0	2.161	STD6	2024-12-18 12:26:18 UTC-5	used
Standard 7	1	37.000	10.0	1.0	1.0	2.814	STD7	2024-12-18 12:47:45 UTC-5	used

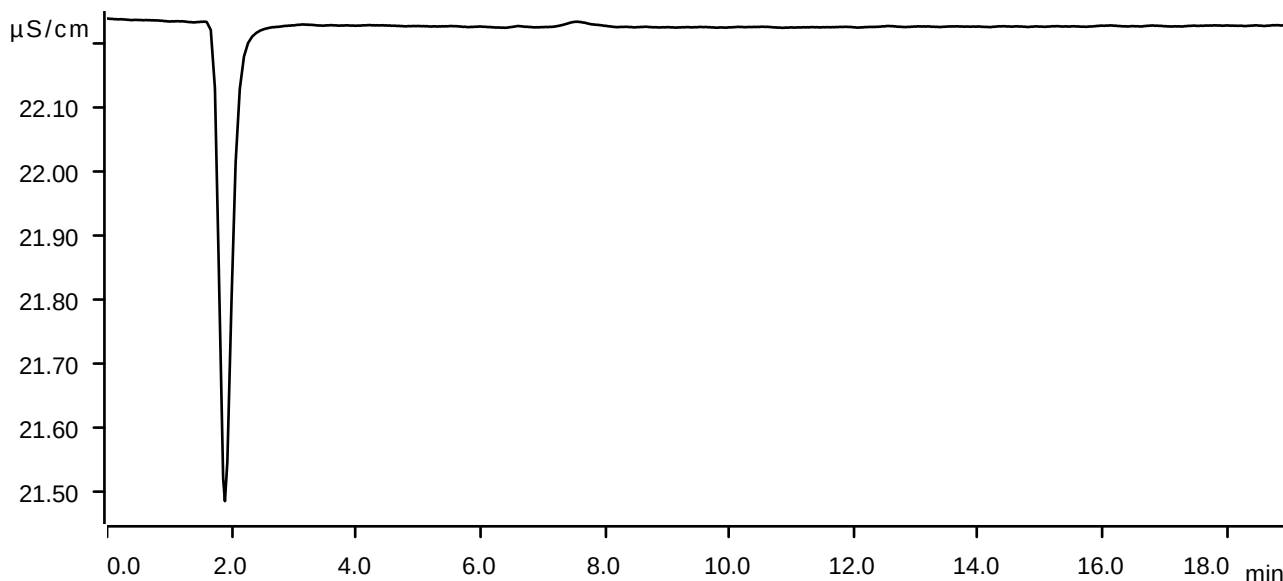
Sample data

Ident STD1
Sample type Standard 1
Determination start 2024-12-18 10:39:14 UTC-5
Method IC1-121824
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 11.71 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



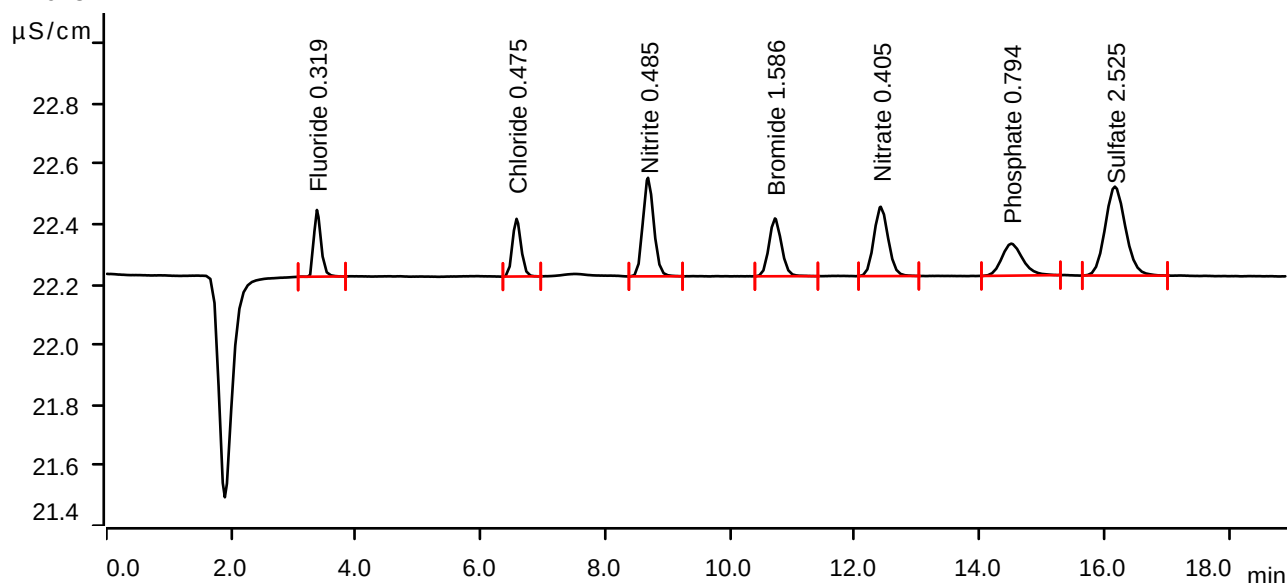
Sample data

Ident STD2
Sample type Standard 2
Determination start 2024-12-18 11:00:37 UTC-5
Method IC1-121824
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 11.26 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	3.377	0.0293	0.221	0.319	Fluoride
2	6.577	0.0307	0.191	0.475	Chloride
3	8.685	0.0666	0.327	0.485	Nitrite
4	10.720	0.0449	0.192	1.586	Bromide
5	12.415	0.0613	0.230	0.405	Nitrate
6	14.510	0.0414	0.106	0.794	Phosphate
7	16.170	0.1115	0.295	2.525	Sulfate

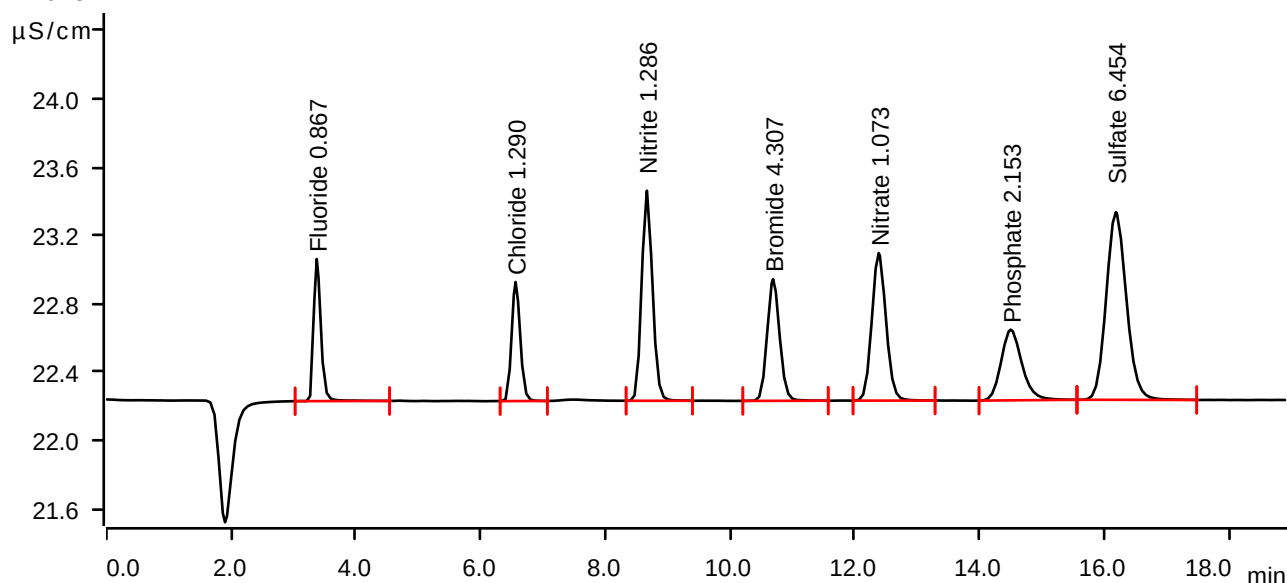
Sample data

Ident STD3
Sample type Standard 3
Determination start 2024-12-18 11:22:01 UTC-5
Method IC1-121824
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 11.09 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	3.373	0.1111	0.832	0.867	Fluoride
2	6.562	0.1116	0.697	1.290	Chloride
3	8.665	0.2483	1.230	1.286	Nitrite
4	10.690	0.1658	0.713	4.307	Bromide
5	12.383	0.2288	0.864	1.073	Nitrate
6	14.500	0.1606	0.414	2.153	Phosphate
7	16.185	0.4138	1.100	6.454	Sulfate

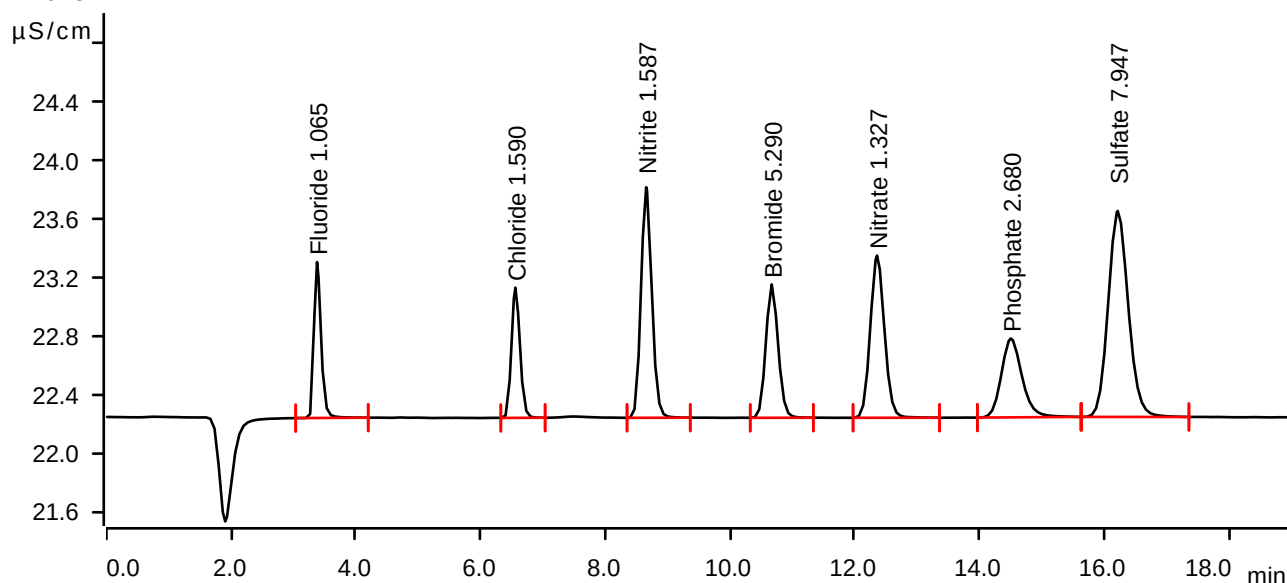
Sample data

Ident STD4
Sample type Standard 4
Determination start 2024-12-18 11:43:26 UTC-5
Method IC1-121824
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 10.87 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	3.378	0.1407	1.065	1.065	Fluoride
2	6.558	0.1414	0.890	1.590	Chloride
3	8.655	0.3167	1.575	1.587	Nitrite
4	10.668	0.2094	0.911	5.290	Bromide
5	12.357	0.2924	1.108	1.327	Nitrate
6	14.502	0.2069	0.539	2.680	Phosphate
7	16.215	0.5287	1.408	7.947	Sulfate

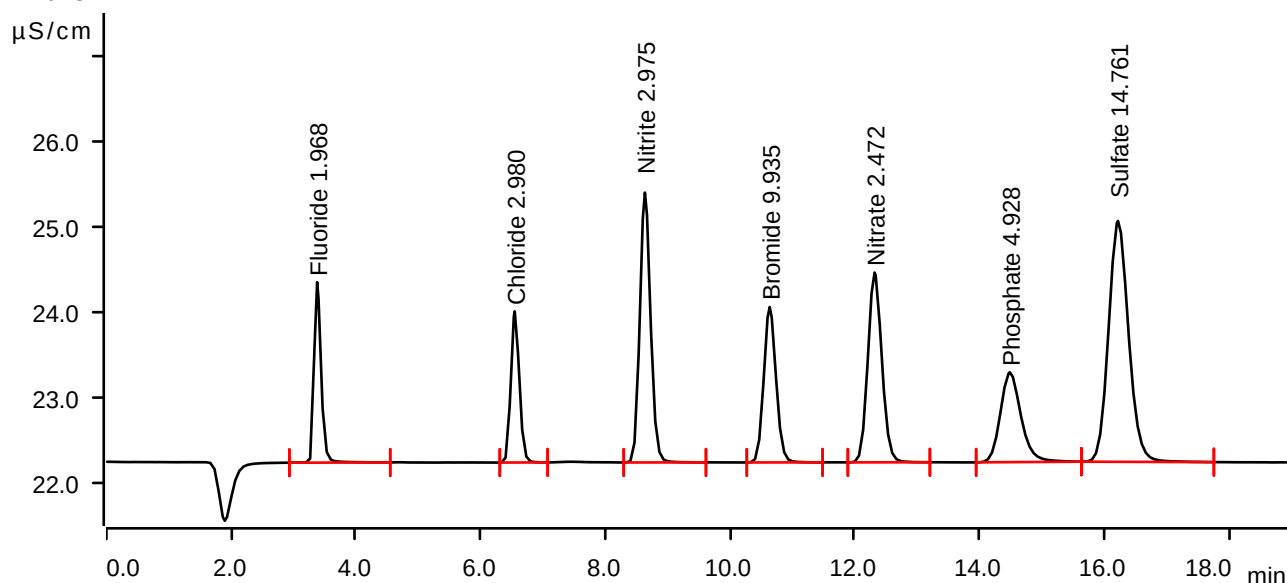
Sample data

Ident STD5
Sample type Standard 5
Determination start 2024-12-18 12:04:52 UTC-5
Method IC1-121824
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 11.04 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	3.380	0.2755	2.114	1.968	Fluoride
2	6.548	0.2796	1.770	2.980	Chloride
3	8.635	0.6316	3.161	2.975	Nitrite
4	10.635	0.4158	1.820	9.935	Bromide
5	12.317	0.5791	2.223	2.472	Nitrate
6	14.485	0.4040	1.052	4.928	Phosphate
7	16.220	1.0530	2.822	14.761	Sulfate

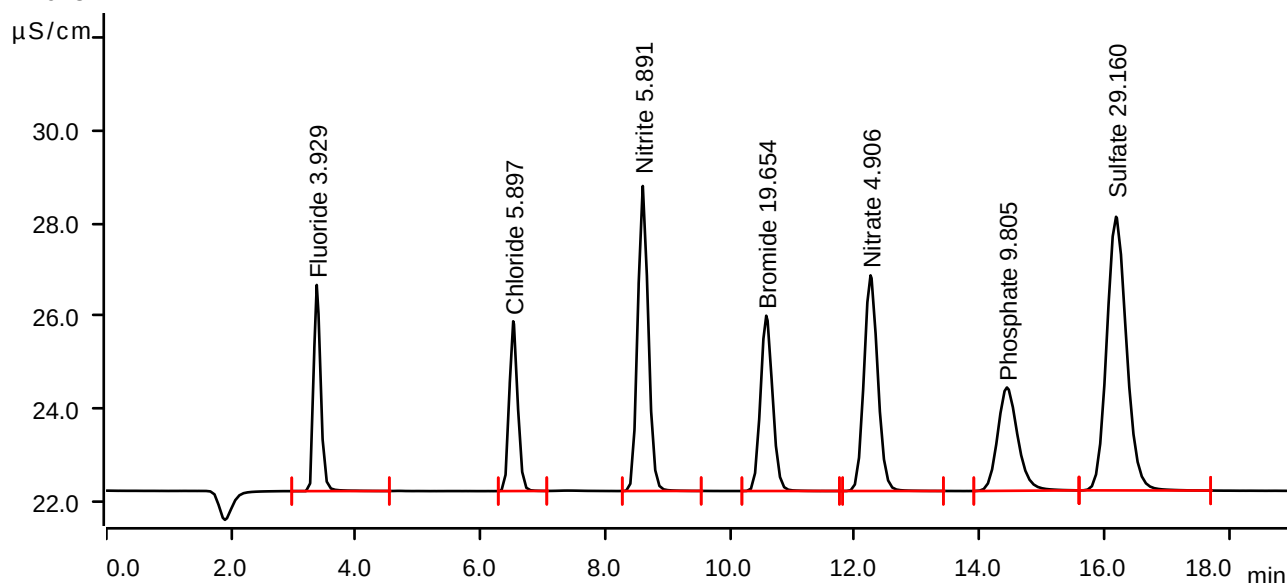
Sample data

Ident STD6
Sample type Standard 6
Determination start 2024-12-18 12:26:18 UTC-5
Method IC1-121824
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 10.98 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	3.373	0.5685	4.427	3.929	Fluoride
2	6.523	0.5694	3.646	5.897	Chloride
3	8.602	1.2933	6.549	5.891	Nitrite
4	10.580	0.8475	3.765	19.654	Bromide
5	12.252	1.1889	4.631	4.906	Nitrate
6	14.438	0.8318	2.220	9.805	Phosphate
7	16.188	2.1610	5.877	29.160	Sulfate

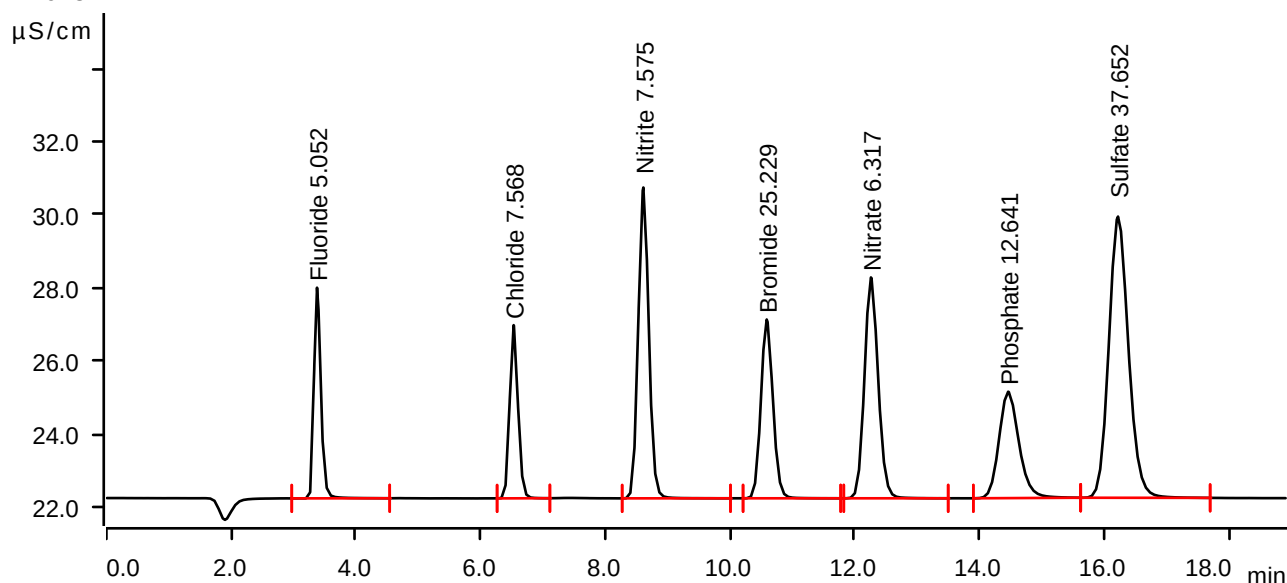
Sample data

Ident STD7
Sample type Standard 7
Determination start 2024-12-18 12:47:45 UTC-5
Method IC1-121824
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 10.75 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	3.378	0.7362	5.758	5.052	Fluoride
2	6.530	0.7354	4.734	7.568	Chloride
3	8.610	1.6752	8.496	7.575	Nitrite
4	10.587	1.0952	4.888	25.229	Bromide
5	12.258	1.5424	6.037	6.317	Nitrate
6	14.458	1.0806	2.908	12.641	Phosphate
7	16.220	2.8144	7.686	37.652	Sulfate

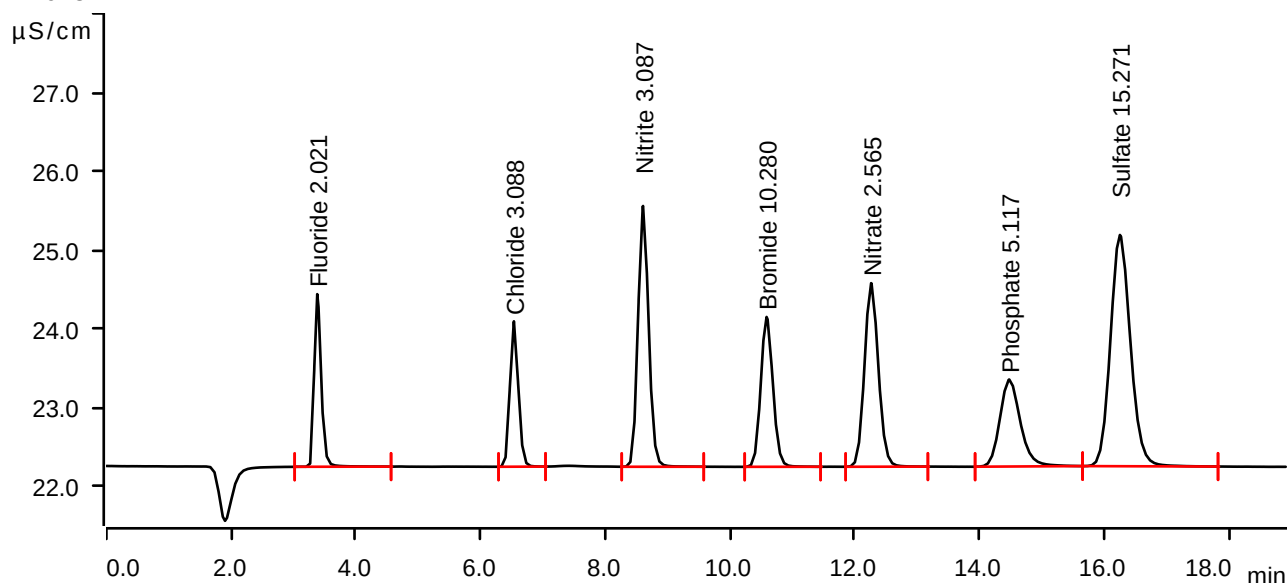
Sample data

Ident ICV
Sample type Check standard 1
Determination start 2024-12-18 13:09:13 UTC-5
Method IC1-121824
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 10.87 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	3.382	0.2835	2.190	2.021	Fluoride
2	6.533	0.2903	1.845	3.088	Chloride
3	8.605	0.6571	3.309	3.087	Nitrite
4	10.585	0.4311	1.902	10.280	Bromide
5	12.262	0.6024	2.329	2.565	Nitrate
6	14.477	0.4207	1.104	5.117	Phosphate
7	16.250	1.0923	2.934	15.271	Sulfate

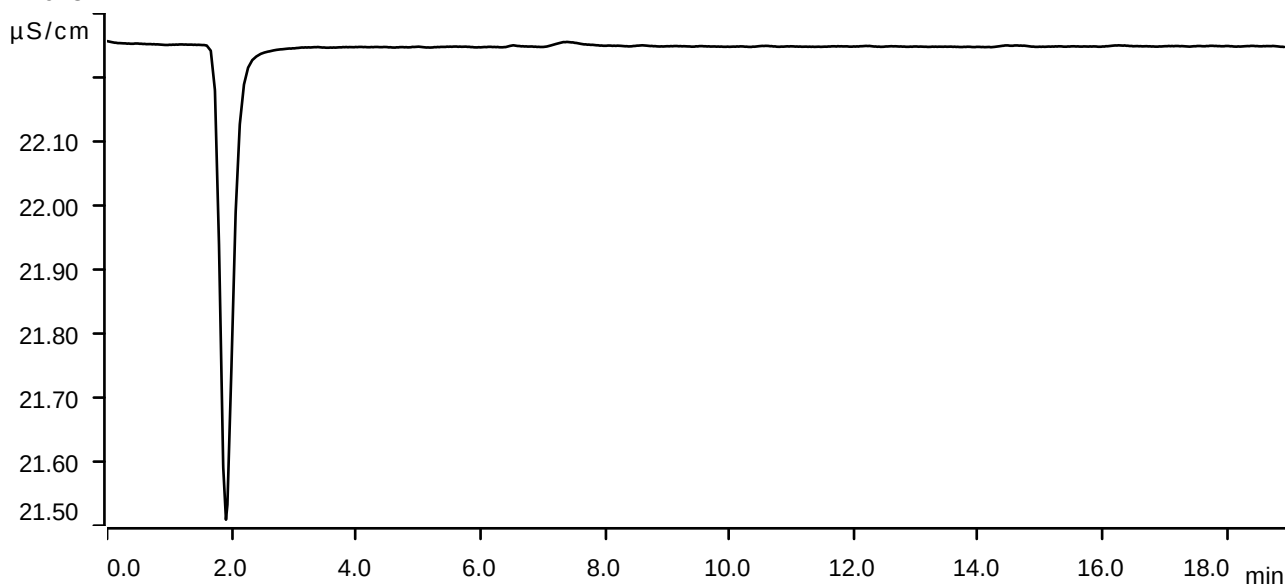
Sample data

Ident ICB
Sample type Sample
Determination start 2024-12-18 13:30:41 UTC-5
Method IC1-121824
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 10.64 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



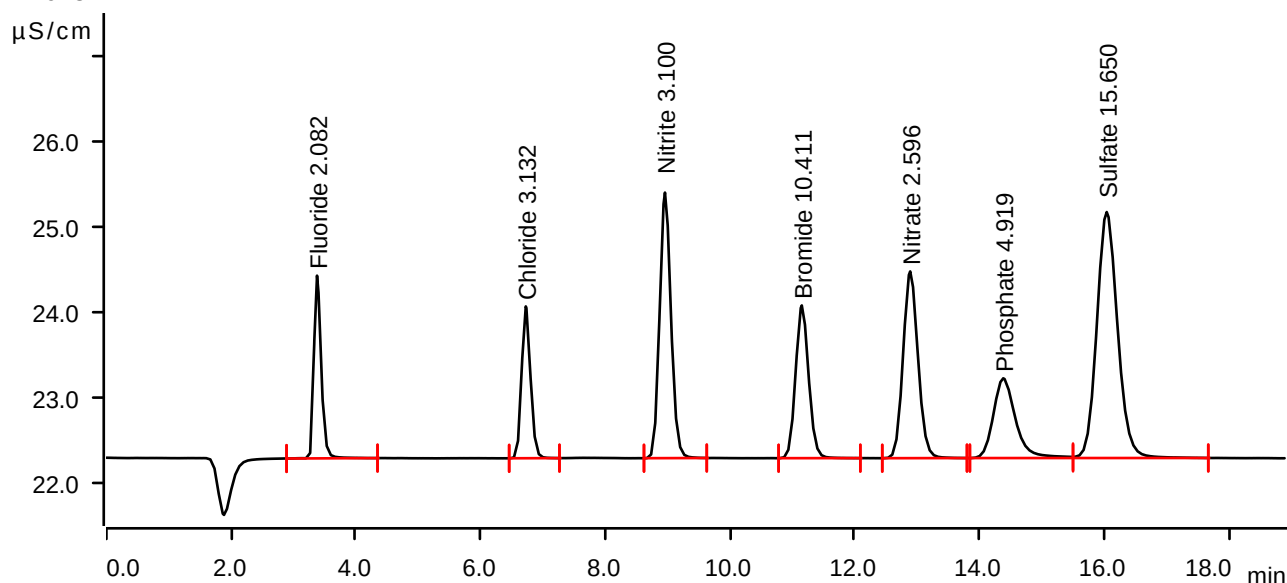
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-12-26 09:53:19 UTC-5
Method IC1-121824
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 12.56 MPa
Maximum pressure monitored yes
Temperature ---- °C

Anions



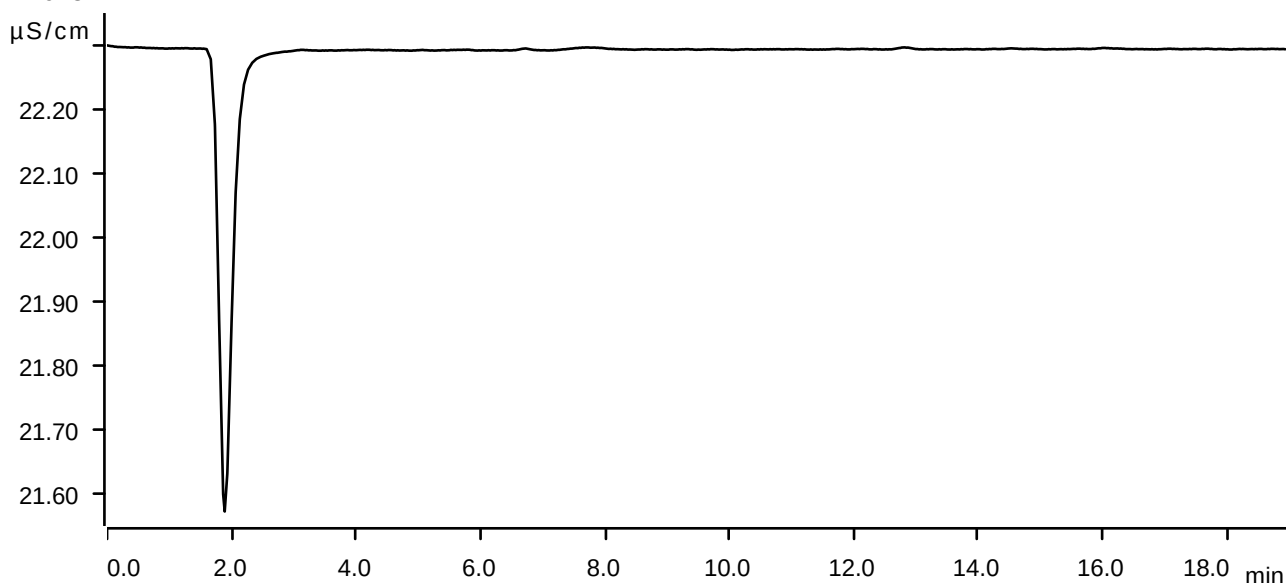
Peak number	Retention time min	Area (µS/cm) x min	Height µS/cm	Concentration ppm	Component name
1	3.378	0.2877	2.140	2.082	Fluoride
2	6.725	0.2936	1.778	3.132	Chloride
3	8.957	0.6564	3.111	3.100	Nitrite
4	11.150	0.4335	1.789	10.411	Bromide
5	12.888	0.6057	2.187	2.596	Nitrate
6	14.380	0.3854	0.934	4.919	Phosphate
7	16.038	1.1096	2.881	15.650	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2024-12-26 10:14:49 UTC-5
Method IC1-121824
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

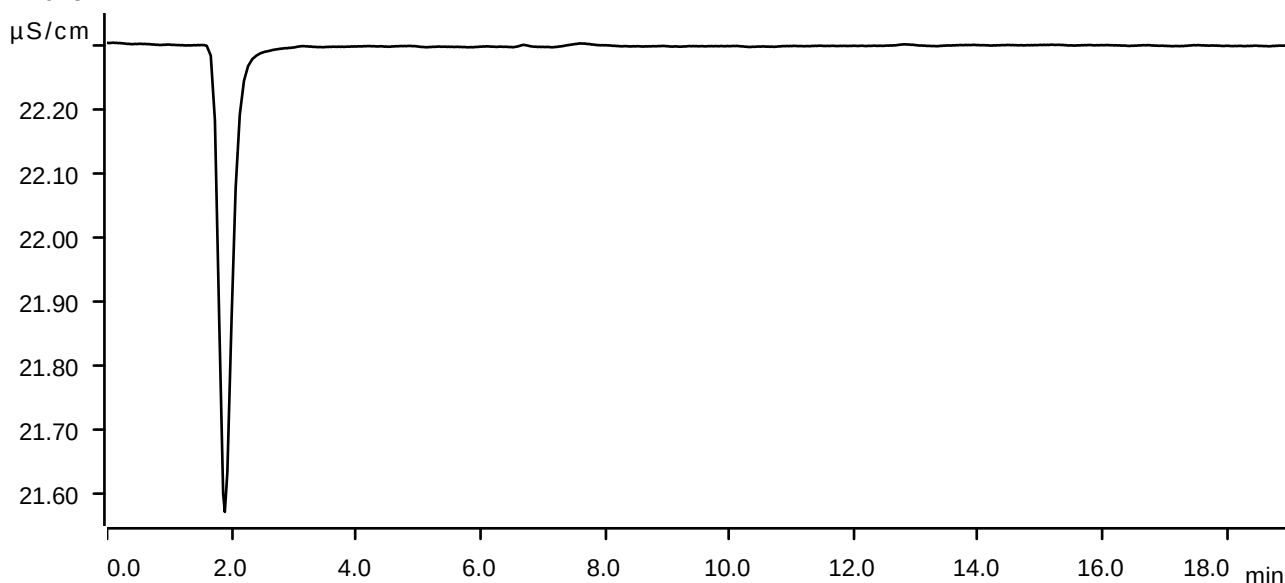
Anions

Sample data

Ident LB134081BLS
Sample type Sample
Determination start 2024-12-26 10:36:20 UTC-5
Method IC1-121824
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

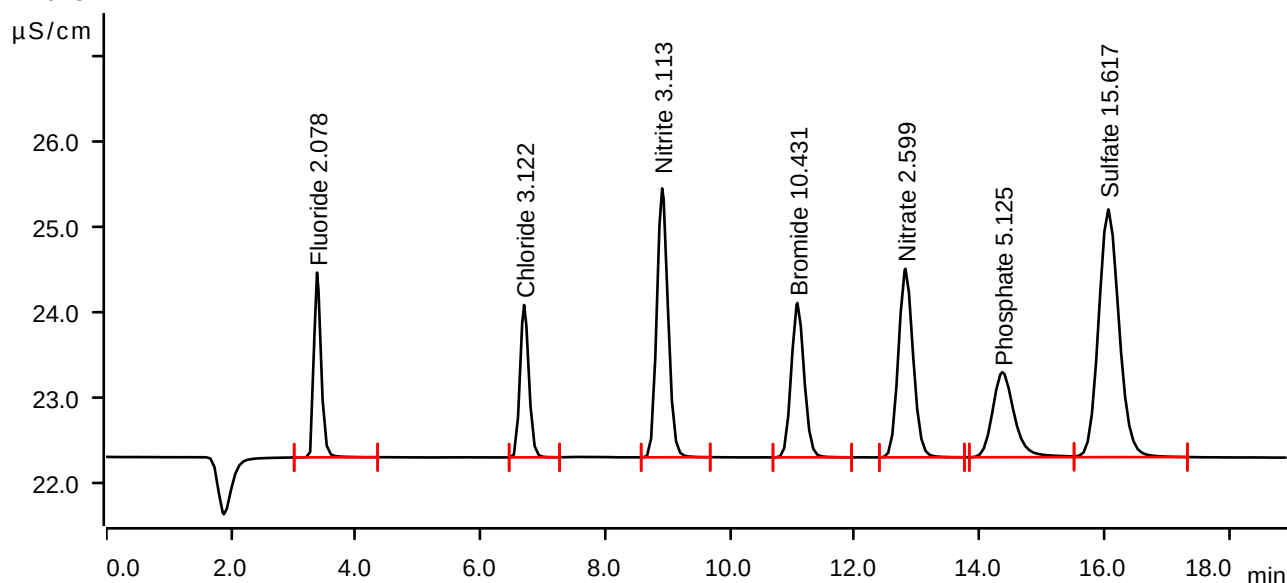
Sample data

Ident LB134081BSS
Sample type Check standard 1
Determination start 2024-12-26 10:57:52 UTC-5
Method IC1-121824
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	3.378	0.2871	2.164	2.078	Fluoride
2	6.698	0.2926	1.785	3.122	Chloride
3	8.912	0.6593	3.150	3.113	Nitrite
4	11.080	0.4344	1.808	10.431	Bromide
5	12.812	0.6063	2.209	2.599	Nitrate
6	14.367	0.4034	0.996	5.125	Phosphate
7	16.063	1.1071	2.901	15.617	Sulfate

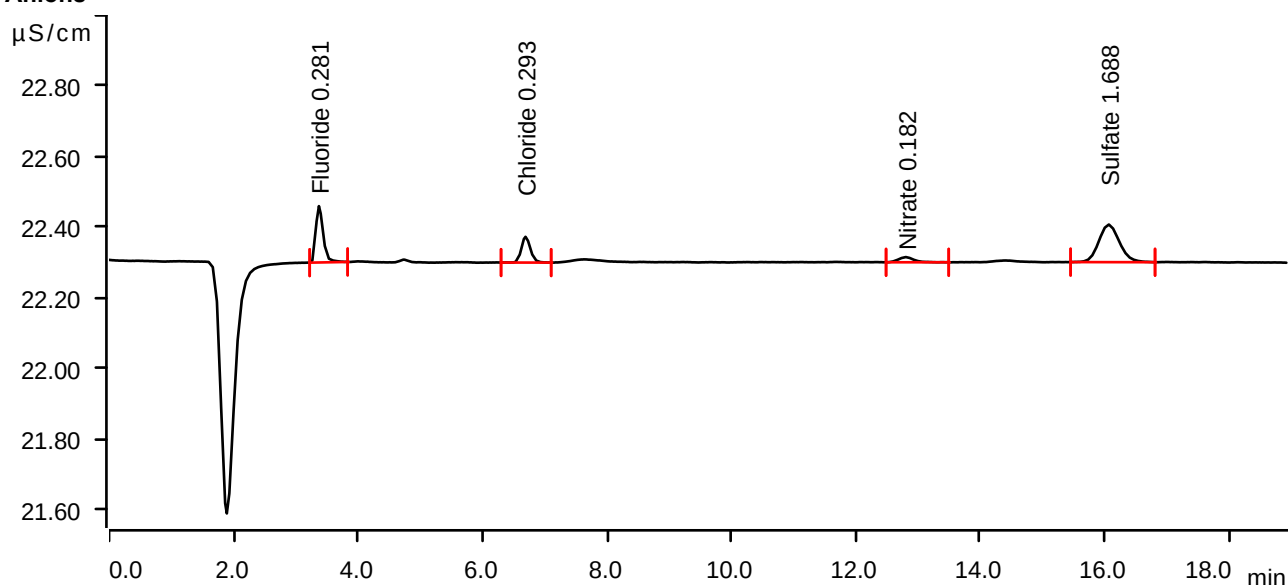
Sample data

Ident P5382-01
Sample type Sample
Determination start 2024-12-26 11:19:25 UTC-5
Method IC1-121824
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	3.373	0.0218	0.160	0.281	Fluoride
2	6.693	0.0123	0.073	0.293	Chloride
3	12.807	0.0042	0.015	0.182	Nitrate
4	16.065	0.0409	0.106	1.688	Sulfate

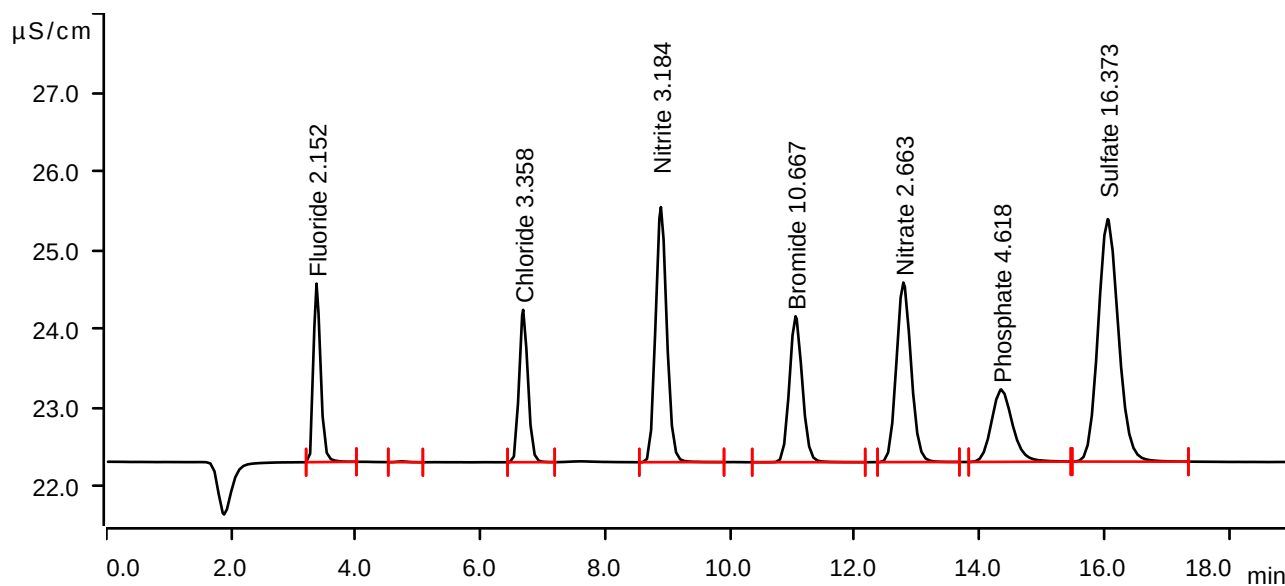
Sample data

Ident P5382-01MS
Sample type Sample
Determination start 2024-12-26 11:40:59 UTC-5
Method IC1-121824
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 12.22 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	3.370	0.2980	2.265	2.152	Fluoride
2	4.737	0.0020	0.010	invalid	
3	6.683	0.3160	1.934	3.358	Chloride
4	8.892	0.6752	3.237	3.184	Nitrite
5	11.050	0.4448	1.852	10.667	Bromide
6	12.778	0.6224	2.279	2.663	Nitrate
7	14.347	0.3589	0.919	4.618	Phosphate
8	16.055	1.1650	3.077	16.373	Sulfate

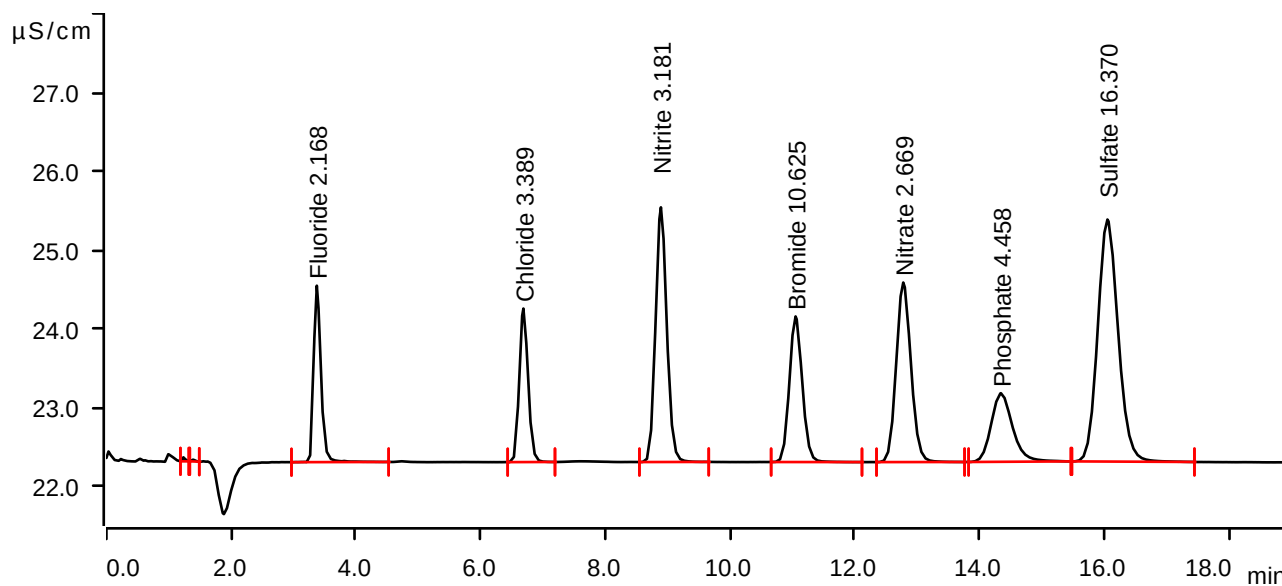
Sample data

Ident P5382-01MSD
Sample type Sample
Determination start 2024-12-26 12:02:35 UTC-5
Method IC1-121824
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 12.61 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	1.235	0.0029	0.051	invalid	
2	1.390	0.0013	0.023	invalid	
3	3.375	0.3003	2.239	2.168	Fluoride
4	6.687	0.3191	1.948	3.389	Chloride
5	8.892	0.6746	3.232	3.181	Nitrite
6	11.050	0.4430	1.848	10.625	Bromide
7	12.777	0.6238	2.278	2.669	Nitrate
8	14.343	0.3450	0.870	4.458	Phosphate
9	16.050	1.1648	3.072	16.370	Sulfate

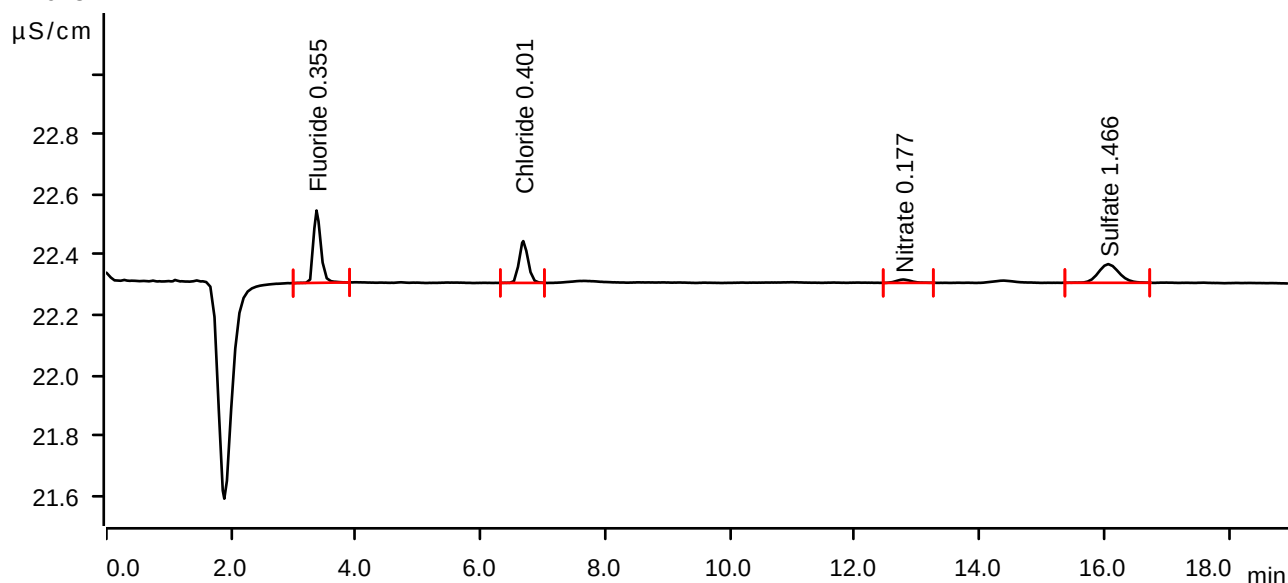
Sample data

Ident P5382-02
Sample type Sample
Determination start 2024-12-26 12:24:10 UTC-5
Method IC1-121824
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	3.372	0.0327	0.240	0.355	Fluoride
2	6.685	0.0230	0.139	0.401	Chloride
3	12.775	0.0031	0.011	0.177	Nitrate
4	16.060	0.0239	0.062	1.466	Sulfate

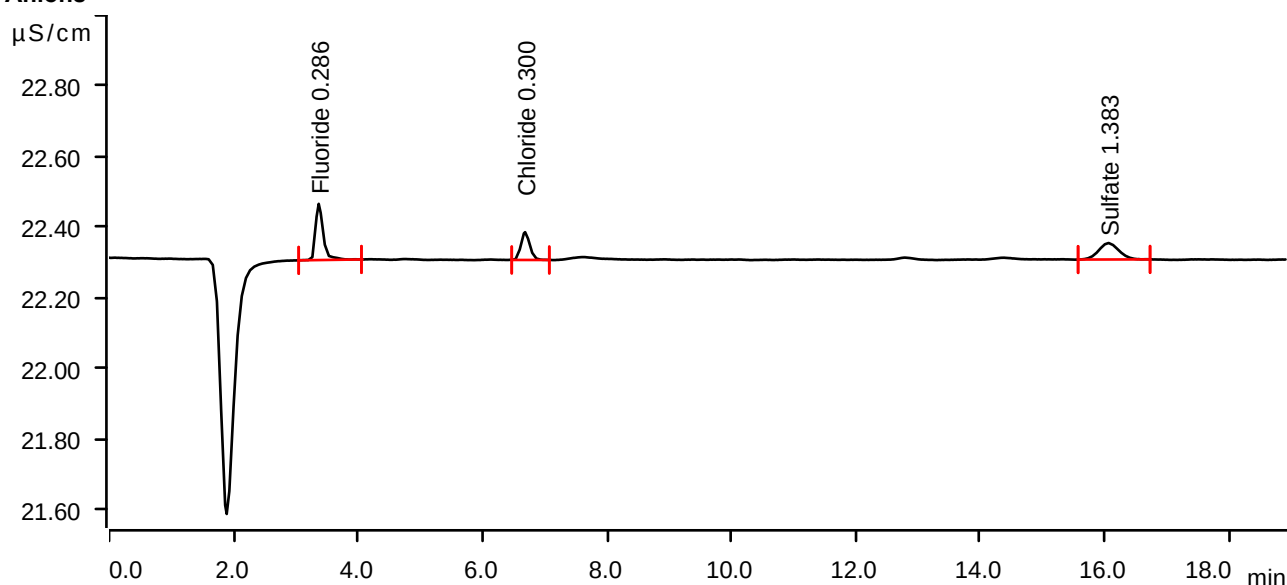
Sample data

Ident P5382-03
Sample type Sample
Determination start 2024-12-26 12:45:45 UTC-5
Method IC1-121824
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	3.370	0.0225	0.159	0.286	Fluoride
2	6.687	0.0130	0.079	0.300	Chloride
3	16.060	0.0175	0.046	1.383	Sulfate

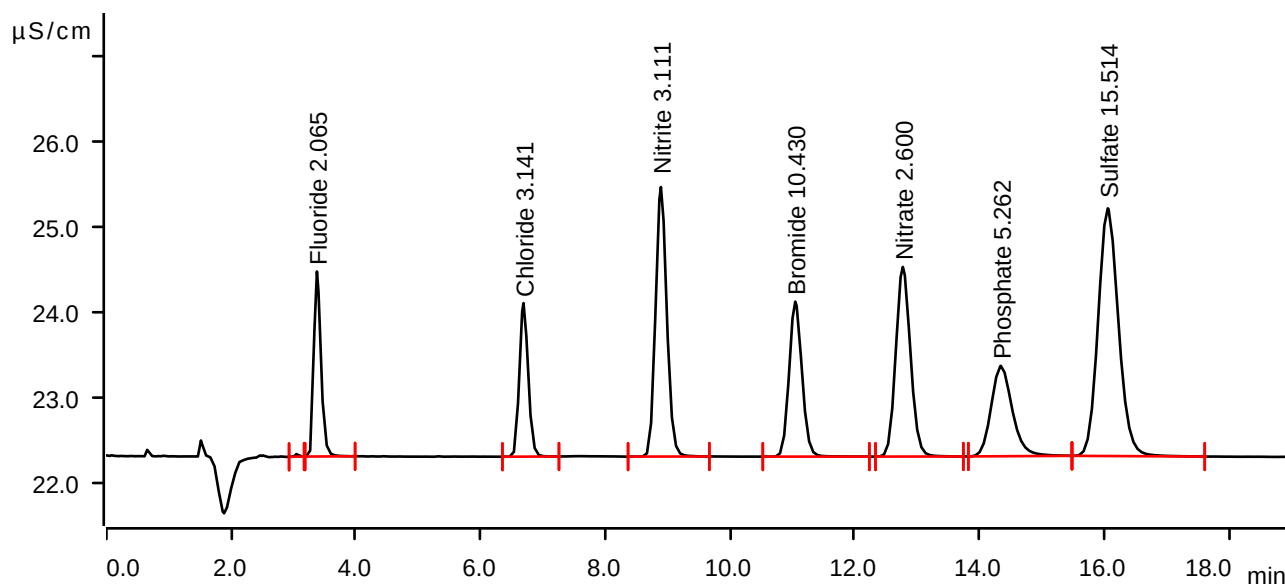
Sample data

Ident CCV
Sample type Check standard 1
Determination start 2024-12-26 13:07:19 UTC-5
Method IC1-121824
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



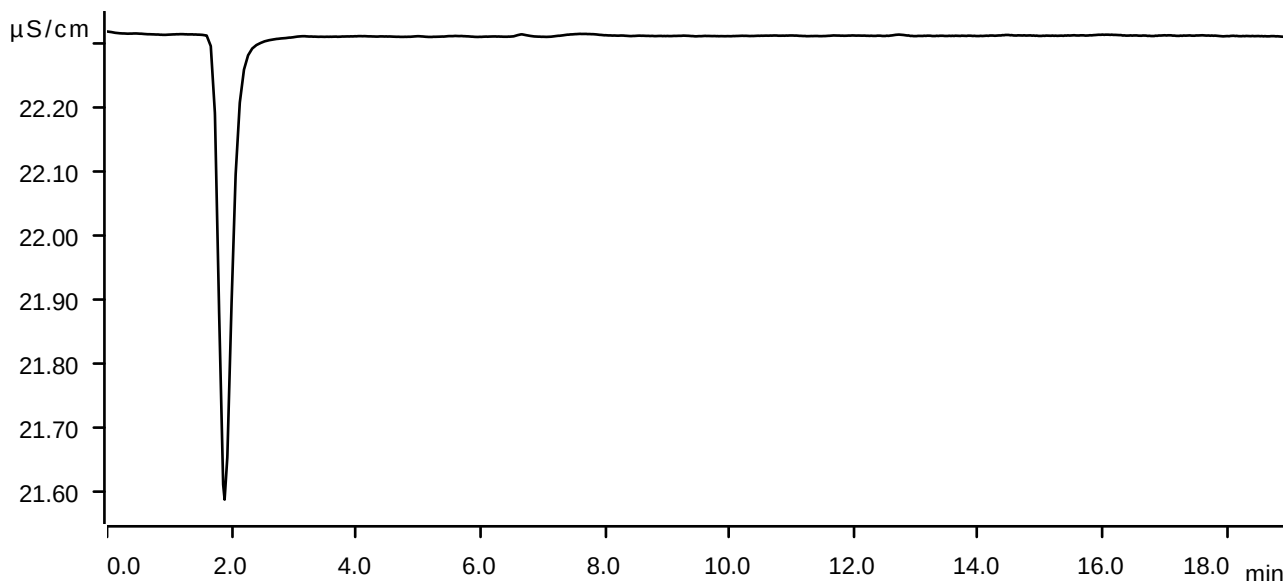
Peak number	Retention time min	Area ($\mu\text{S/cm}$) x min	Height $\mu\text{S/cm}$	Concentration ppm	Component name
1	3.048	0.0021	0.031	invalid	
2	3.377	0.2852	2.168	2.065	Fluoride
3	6.688	0.2946	1.798	3.141	Chloride
4	8.892	0.6590	3.157	3.111	Nitrite
5	11.045	0.4344	1.816	10.430	Bromide
6	12.770	0.6066	2.222	2.600	Nitrate
7	14.342	0.4155	1.058	5.262	Phosphate
8	16.055	1.0993	2.901	15.514	Sulfate

Sample data

Ident CCB
Sample type Sample
Determination start 2024-12-26 13:28:50 UTC-5
Method IC1-121824
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

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134085

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP111205
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0016

Slope: 0.765

Regression: 0.999995

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	7.29	1.80	0.000	0.000	0.000	-0.00		12/26/2024	12:10
2	CAL2	0.01	1	100	100	7.36	1.85	0.000	0.009	0.009	0.009	-10	12/26/2024	12:11
3	CAL3	0.025	1	100	100	7.40	1.89	0.000	0.021	0.021	0.025	0	12/26/2024	12:12
4	CAL4	0.05	1	100	100	7.41	1.88	0.000	0.040	0.040	0.050	0	12/26/2024	12:13
5	CAL5	0.1	1	100	100	7.38	1.90	0.000	0.079	0.079	0.101	1	12/26/2024	12:14
6	CAL6	0.5	1	100	100	7.36	1.84	0.000	0.385	0.385	0.501	0.2	12/26/2024	12:15
7	CAL7	1	1	100	100	7.38	1.85	0.000	0.766	0.766	0.999	-0.1	12/26/2024	12:16

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134085

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	7.42	1.94	0.000	0.383	0.383	0.499	12/26/2024	12:17
2	ICB		1	100	100	7.31	1.79	0.000	0.001	0.001	-0.001	12/26/2024	12:18
3	CCV1	0.5	1	100	100	7.46	1.95	0.000	0.386	0.386	0.502	12/26/2024	12:19
4	CCB1		1	100	100	7.25	1.75	0.000	0.001	0.001	-0.001	12/26/2024	12:20
5	RL Check	0.01	1	100	100	7.39	1.91	0.000	0.010	0.010	0.011	12/26/2024	12:21
6	PB165838BL		1	2.50	100	7.24	1.77	0.000	0.000	0.000	-0.002	12/26/2024	12:22
7	PB165838BS	20	1	2.50	100	7.42	1.92	0.000	0.385	0.385	0.501	12/26/2024	12:23
8	P5382-01		1	2.51	100	7.60	2.18	0.012	0.012	0.000	-0.002	12/26/2024	12:24
9	P5382-02		1	2.54	100	7.66	2.10	0.016	0.017	0.001	-0.001	12/26/2024	12:25
10	P5382-03		1	2.54	100	7.60	2.20	0.010	0.010	0.000	-0.002	12/26/2024	12:26
11	P5383-01		1	2.51	100	7.52	2.10	0.000	0.001	0.001	-0.001	12/26/2024	12:27
12	P5383-01DU		1	2.52	100	7.56	2.14	0.000	0.001	0.001	-0.001	12/26/2024	12:28
13	P5383-01MS	40	2	2.52	100	7.52	2.09	0.000	0.311	0.311	0.404	12/26/2024	12:29
14	P5383-01MS	1284	40	2.51	100	7.55	2.11	0.000	0.603	0.603	0.786	12/26/2024	12:30
15	P5383-01MS	40	2	2.51	100	7.60	2.16	0.000	0.372	0.372	0.484	12/26/2024	12:31
16	CCV2	0.5	1	100	100	7.44	1.96	0.000	0.383	0.383	0.499	12/26/2024	12:32
17	CCB2		1	100	100	7.28	1.80	0.000	0.000	0.000	-0.002	12/26/2024	12:33

15134087

Test results

Aquakem 7.2AQ1

Page:

CHEMTECH CONSULTING GROUP INC
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

12/26/2024 12:43

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	1.017	0.0	0.140	
ICB1	0.005	0.0	0.021	
CCV1	0.981	0.0	0.136	
CCB1	0.009	0.0	0.022	
RL CHECK	0.103	0.0	0.033	
PB165837BL	0.014	0.0	0.022	
PB165837BS	0.991	0.0	0.137	
P5382-01	0.029	0.0	0.024	
P5382-01DUP	0.025	0.0	0.023	
P5382-01MS	1.043	0.0	0.143	
P5382-01MSD	1.015	0.0	0.140	
P5382-02	0.051	0.0	0.026	
P5382-03	0.025	0.0	0.023	
PB165803BL	0.003	0.0	0.021	
CCV2	1.006	0.0	0.139	
CCB2	0.010	0.0	0.022	
PB165803BS	0.984	0.0	0.136	
P5340-01	7.756	0.0	0.931	
P5340-05	3.576	0.0	0.440	Test limit high
P5356-01	0.024	0.0	0.023	Test limit high
P5356-01DUP	0.021	0.0	0.023	
P5356-01MS	1.047	0.0	0.143	
P5356-01MSD	1.054	0.0	0.144	
CCV3	1.026	0.0	0.141	
CCB3	0.012	0.0	0.022	
P5340-01DLX10	0.762	0.0	0.110	
P5340-05DLX2	1.725	0.0	0.223	
CCV4	1.001	0.0	0.138	
CCB4	0.011	0.0	0.022	
N	29			
Mean	0.873			
SD	1.5323			
CV%	175.43			

103% (50-50) 12/26/2024
RM

Calibration results

Aquakem 7.2AQ1

Page:

CHEMTECH CONSULTING GROUP INC
284 Sheffield Street, Mountainside, NJ 07092

12/26/2024 11:01

Reviewed by : RM Instrument ID : Konelab

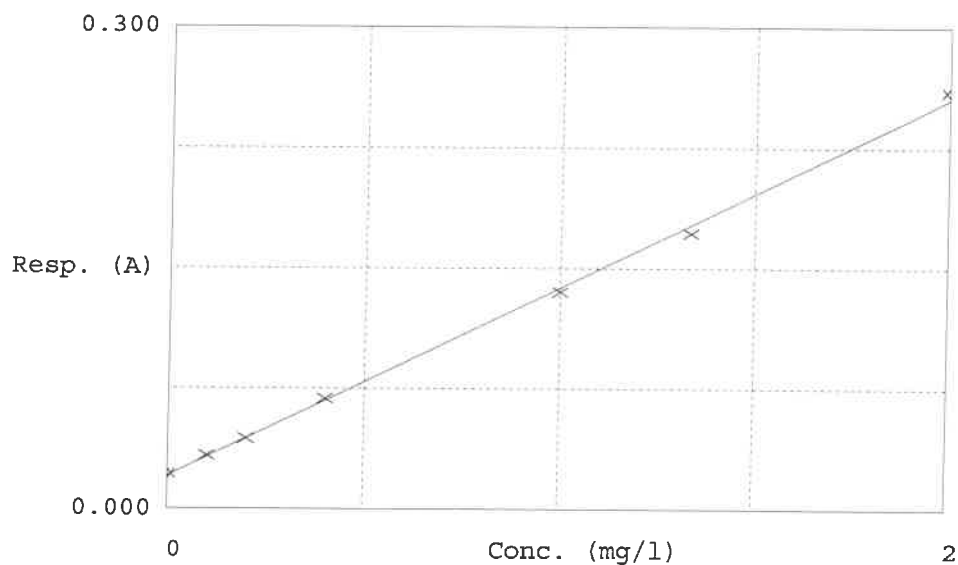
Test Ammonia-N

Accepted 12/26/2024 11:01

Factor 8.515
Bias 0.020

Coeff. of det. 0.998737

Errors



	Calibrator	Response	Calc. con.	Conc.	Re Errors
1	0.00PPM	0.022	0.0109	0.0000	-
2	NH3-2PPM	0.033	0.1079	0.1000	7.9
3	NH3-2PPM	0.044	0.1989	0.2000	-0.6
4	NH3-2PPM	0.069	0.4110	0.4000	2.7
5	NH3-2PPM	0.135	0.9771	1.0000	-2.3
6	NH3-2PPM	0.172	1.2892	1.3333	-0.8
7	NH3-2PPM	0.260	2.0384	2.0000	1.9

12/26/2024
RM

Aquakem v. 7.2AQ1

Results from time period:

Thu Dec 26 10:46:26 2024

Thu Dec 26 12:38:27 2024

Sample Id	Sam/Ctr/c/	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-† P		0.0109	mg/l	12/26/2024 10:46:26	
0.1PPM	A	Ammonia-† P		0.1079	mg/l	12/26/2024 10:46:27	
0.2PPM	A	Ammonia-† P		0.1989	mg/l	12/26/2024 10:46:28	
0.4PPM	A	Ammonia-† P		0.411	mg/l	12/26/2024 10:46:29	
1.0PPM	A	Ammonia-† P		0.9771	mg/l	12/26/2024 10:46:30	
1.3PPM	A	Ammonia-† P		1.2892	mg/l	12/26/2024 10:46:31	
2.0PPM	A	Ammonia-† P		2.0384	mg/l	12/26/2024 10:46:32	
ICV1	S	Ammonia-† P		1.0174	mg/l	12/26/2024 11:47:23	
ICB1	S	Ammonia-† P		0.0052	mg/l	12/26/2024 11:47:26	
CCV1	S	Ammonia-† P		0.9809	mg/l	12/26/2024 11:47:28	
CCB1	S	Ammonia-† P		0.0093	mg/l	12/26/2024 11:47:29	
RL CHECK	S	Ammonia-† P		0.1033	mg/l	12/26/2024 11:47:32	
PB165837BL	S	Ammonia-† P		0.0143	mg/l	12/26/2024 11:47:34	
PB165837BS	S	Ammonia-† P		0.9915	mg/l	12/26/2024 11:58:07	
P5382-01	S	Ammonia-† P		0.0295	mg/l	12/26/2024 11:58:09	
P5382-01DUP	S	Ammonia-† P		0.0251	mg/l	12/26/2024 11:58:12	
P5382-01MS	S	Ammonia-† P		1.0429	mg/l	12/26/2024 11:58:13	
P5382-01MSD	S	Ammonia-† P		1.0154	mg/l	12/26/2024 11:58:14	
P5382-02	S	Ammonia-† P		0.0508	mg/l	12/26/2024 11:58:15	
P5382-03	S	Ammonia-† P		0.0249	mg/l	12/26/2024 11:58:16	
PB165803BL	S	Ammonia-† P		0.0034	mg/l	12/26/2024 11:58:17	
CCV2	S	Ammonia-† P		1.0061	mg/l	12/26/2024 12:08:50	
CCB2	S	Ammonia-† P		0.0098	mg/l	12/26/2024 12:08:51	
PB165803BS	S	Ammonia-† P		0.9836	mg/l	12/26/2024 12:08:53	
P5340-01	S	Ammonia-† P		7.7561	mg/l	12/26/2024 12:08:55	
P5340-05	S	Ammonia-† P		3.5764	mg/l	12/26/2024 12:08:56	
P5356-01	S	Ammonia-† P		0.0242	mg/l	12/26/2024 12:08:58	
P5356-01DUP	S	Ammonia-† P		0.0211	mg/l	12/26/2024 12:08:59	
P5356-01MS	S	Ammonia-† P		1.0472	mg/l	12/26/2024 12:16:03	
P5356-01MSD	S	Ammonia-† P		1.0544	mg/l	12/26/2024 12:16:04	
CCV3	S	Ammonia-† P		1.0259	mg/l	12/26/2024 12:16:05	
CCB3	S	Ammonia-† P		0.0124	mg/l	12/26/2024 12:16:07	
P5340-01DLX10	S	Ammonia-† P		0.7618	mg/l	12/26/2024 12:38:20	
P5340-05DLX2	S	Ammonia-† P		1.7252	mg/l	12/26/2024 12:38:22	
CCV4	S	Ammonia-† P		1.0007	mg/l	12/26/2024 12:38:24	
CCB4	S	Ammonia-† P		0.0107	mg/l	12/26/2024 12:38:26	

SOP ID : MSM4500-NH3 B,G-Ammonia-17

SDG No : N/A

Start Digest Date: 12/26/2024 Time : 08:30 Temp : 150 °C

Matrix : SOIL

End Digest Date: 12/26/2024 Time : 09:30 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: 12

Standard Name	MLS USED	STD REF. # FROM LOG
LCSS	1.0ML	WP111092
MS/MSD SPIKE SOL.	1.0ML	WP111091
PBS003	50.0ML	W3112
RL CHECK	0.1ML	WP111091
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
BORATE BUFFER	2.5ML	WP108708
NAOH 6N	0.5-2.0ML	WP108660
H2SO4 0.04N	5.0ML	WP110335
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:

ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER REAGENT
WP108814

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/26/2024 09:45	RM (w/c)	RM (w/c)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
P5382-01DUP	COMP-1DUP	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
P5382-01MS	COMP-1MS	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
P5382-01MSD	COMP-1MSD	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
P5382-01	COMP-1	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
P5382-02	COMP-2	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
P5382-03	COMP-3	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
PB165837BL	PBS837	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
PB165837BS	LCS837	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A

SOP ID : M3060A,7196A-Hex.Chromium-26

SDG No : N/A

Matrix : SOIL

Pippete ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#3

Block ID : WC S-2, WC S-1

Weigh By : RM

Start Digest Date: 12/26/2024 Time : 09:10 Temp : 90 °C

End Digest Date: 12/26/2024 Time : 10:10 Temp : 94 °C

 11 batch 12/26/2024 10:30 90°C RM
 12/26/2024 11:30 95°C

Digestion tube ID : M6054

Filter paper ID : 400213

pH Meter ID : WC pH meter-1

Block Thermometer ID : WC-Block#1

Prep Technician Signature: RM

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
PRE-DIGESTION SPIKE	2.0ML	WP108658
INSOLUBLE SPIKE	0.02GM	W2202
POST-DIGESTION SPIKE	2.0ML	WP108658
LCSS	1.0ML	WP108659
PBS003	50ML	W3112

Chemical Used	ML/SAMPLE USED	Lot Number
MAGNESIUM CHLORIDE	0.4GM	W3152
PHOSPHATE BUFFER	0.5ML	WP110498
HEX. DIGESTION SOLN.	50.0ML	WP111052
5M HNO3	5-7ML	WP110381
5N H2SO4	1-3ML	WP110380
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

LAB SAMPLE ID	CLIENT SAMPLE ID	Vol(ml)	Comment
CAL1	CAL1	2.5ML	W3112
CAL2	CAL2	0.2ML	WP111200
CAL3	CAL3	0.5ML	WP111200
CAL4	CAL4	1ML	WP111200
CAL5	CAL5	0.2ML	WP108658
CAL6	CAL6	1ML	WP108658
CAL7	CAL7	2.0ML	WP108658
ICV	ICV	1ML	WP108659
ICB	ICB	2.5ML	W3112
CCV	CCV	1ML	WP108658
CCB	CCB	2.5ML	W3112

Extraction Conformance/Non-Conformance Comments:

N/A

12/26/2024 RM

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/Nitrite	Comment	Prep Pos
P5382-01	COMP-1	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
P5382-02	COMP-2	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
P5382-03	COMP-3	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
P5383-01	OK-02-12232024	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
P5383-01DUP	OK-02-12232024DUP	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
P5383-01MSPre	OK-02-12232024MSPRE	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
P5383-01MS2Ins	OK-02-12232024MS2INS	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
P5383-01MS3Post	OK-02-12232024MS3POST	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
PB165838BL	PBS838	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
PB165838BS	LCS838	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A

Instrument ID: IC-2

Daily Analysis Runlog For Sequence/QC Batch ID # LB134081

Review By	Niha	Review On	12/30/2024 9:46:25 AM
Supervise By	Iwona	Supervise On	12/30/2024 11:02:00 AM
SubDirectory	LB134081	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP111131,WP111132,WP111133,WP111134,WP111135,WP111136,WP111137		
ICV Standard	WP111138		
CCV Standard	WP111222		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP111223		
Chk Standard	WP111129,WP111130		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	12/18/24 10:39	All standards, samples, and	NF/IZ	OK
2	STD2	STD2	CAL2	12/18/24 11:00	QC are filtered through	NF/IZ	OK
3	STD3	STD3	CAL3	12/18/24 11:22	0.45um, filter lot W3160	NF/IZ	OK
4	STD4	STD4	CAL4	12/18/24 11:43		NF/IZ	OK
5	STD5	STD5	CAL5	12/18/24 12:04		NF/IZ	OK
6	STD6	STD6	CAL6	12/18/24 12:26		NF/IZ	OK
7	STD7	STD7	CAL7	12/18/24 12:47		NF/IZ	OK
8	ICV1	ICV1	ICV	12/18/24 13:09		NF/IZ	OK
9	ICB1	ICB1	ICB	12/18/24 13:30		NF/IZ	OK
10	CCV1	CCV1	CCV	12/26/24 09:53		NF/IZ	OK
11	CCB1	CCB1	CCB	12/26/24 10:14		NF/IZ	OK
12	LB134081BLS	LB134081BLS	MB	12/26/24 10:36		NF/IZ	OK
13	LB134081BSS	LB134081BSS	LCS	12/26/24 10:57		NF/IZ	OK
14	P5382-01	COMP-1	SAM	12/26/24 11:19		NF/IZ	OK
15	P5382-01MS	COMP-1MS	MS	12/26/24 11:40	5ml W3091	NF/IZ	OK
16	P5382-01MSD	COMP-1MSD	MSD	12/26/24 12:02	5ml W3091	NF/IZ	OK
17	P5382-02	COMP-2	SAM	12/26/24 12:24		NF/IZ	OK
18	P5382-03	COMP-3	SAM	12/26/24 12:45		NF/IZ	OK

Instrument ID: IC-2

Daily Analysis Runlog For Sequence/QC Batch ID # LB134081

Review By	Niha	Review On	12/30/2024 9:46:25 AM
Supervise By	Iwona	Supervise On	12/30/2024 11:02:00 AM
SubDirectory	LB134081	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP111131,WP111132,WP111133,WP111134,WP111135,WP111136,WP111137		
ICV Standard	WP111138		
CCV Standard	WP111222		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP111223		
Chk Standard	WP111129,WP111130		

19	CCV2	CCV2	CCV	12/26/24 13:07		NF/IZ	OK
20	CCB2	CCB2	CCB	12/26/24 13:28		NF/IZ	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134085

Review By	rubina	Review On	12/26/2024 1:22:15 PM
Supervise By	Iwona	Supervise On	12/27/2024 12:13:56 PM
SubDirectory	LB134085	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	WP111205,WP110380,WP110381,WP108645		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	12/26/24 12:10		rubina	OK
2	CAL2	CAL2	CAL	12/26/24 12:11		rubina	OK
3	CAL3	CAL3	CAL	12/26/24 12:12		rubina	OK
4	CAL4	CAL4	CAL	12/26/24 12:13		rubina	OK
5	CAL5	CAL5	CAL	12/26/24 12:14		rubina	OK
6	CAL6	CAL6	CAL	12/26/24 12:15		rubina	OK
7	CAL7	CAL7	CAL	12/26/24 12:16		rubina	OK
8	ICV	ICV	ICV	12/26/24 12:17		rubina	OK
9	ICB	ICB	ICB	12/26/24 12:18		rubina	OK
10	CCV1	CCV1	CCV	12/26/24 12:19		rubina	OK
11	CCB1	CCB1	CCB	12/26/24 12:20		rubina	OK
12	RL Check	RL Check	SAM	12/26/24 12:21		rubina	OK
13	PB165838BL	PB165838BL	MB	12/26/24 12:22		rubina	OK
14	PB165838BS	PB165838BS	LCS	12/26/24 12:23		rubina	OK
15	P5382-01	COMP-1	SAM	12/26/24 12:24		rubina	OK
16	P5382-02	COMP-2	SAM	12/26/24 12:25		rubina	OK
17	P5382-03	COMP-3	SAM	12/26/24 12:26		rubina	OK
18	P5383-01	OK-02-12232024	SAM	12/26/24 12:27		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134085

Review By	rubina	Review On	12/26/2024 1:22:15 PM
Supervise By	Iwona	Supervise On	12/27/2024 12:13:56 PM
SubDirectory	LB134085	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	WP111205,WP110380,WP110381,WP108645		

19	P5383-01DUP	OK-02-12232024DUP	DUP	12/26/24 12:28		rubina	OK
20	P5383-01MSPre	OK-02-12232024MS	MS	12/26/24 12:29		rubina	OK
21	P5383-01MS2Ins	OK-02-12232024MS	MS	12/26/24 12:30		rubina	OK
22	P5383-01MS3Post	OK-02-12232024MS	MS	12/26/24 12:31		rubina	OK
23	CCV2	CCV2	CCV	12/26/24 12:32		rubina	OK
24	CCB2	CCB2	CCB	12/26/24 12:33		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB134087

Review By	rubina	Review On	12/27/2024 8:19:27 AM
Supervise By	Iwona	Supervise On	12/27/2024 9:16:18 AM
SubDirectory	LB134087	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP111224		
ICV Standard	WP111226		
CCV Standard	WP111225		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP111092		
Chk Standard	WP110416,WP110019,WP108709,WP108840		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	12/26/24 10:46		rubina	OK
2	0.1PPM	0.1PPM	CAL2	12/26/24 10:46		rubina	OK
3	0.2PPM	0.2PPM	CAL3	12/26/24 10:46		rubina	OK
4	0.4PPM	0.4PPM	CAL4	12/26/24 10:46		rubina	OK
5	1.0PPM	1.0PPM	CAL5	12/26/24 10:46		rubina	OK
6	1.3PPM	1.3PPM	CAL6	12/26/24 10:46		rubina	OK
7	2.0PPM	2.0PPM	CAL7	12/26/24 10:46		rubina	OK
8	ICV1	ICV1	ICV	12/26/24 11:47		rubina	OK
9	ICB1	ICB1	ICB	12/26/24 11:47		rubina	OK
10	CCV1	CCV1	CCV	12/26/24 11:47		rubina	OK
11	CCB1	CCB1	CCB	12/26/24 11:47		rubina	OK
12	RL	RL	SAM	12/26/24 11:47		rubina	OK
13	PB165837BL	PB165837BL	MB	12/26/24 11:47		rubina	OK
14	PB165837BS	PB165837BS	LCS	12/26/24 11:58		rubina	OK
15	P5382-01	COMP-1	SAM	12/26/24 11:58		rubina	OK
16	P5382-01DUP	COMP-1DUP	DUP	12/26/24 11:58		rubina	OK
17	P5382-01MS	COMP-1MS	MS	12/26/24 11:58		rubina	OK
18	P5382-01MSD	COMP-1MSD	MSD	12/26/24 11:58		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB134087

Review By	rubina	Review On	12/27/2024 8:19:27 AM
Supervise By	Iwona	Supervise On	12/27/2024 9:16:18 AM
SubDirectory	LB134087	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP111224		
ICV Standard	WP111226		
CCV Standard	WP111225		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP111092		
Chk Standard	WP110416,WP110019,WP108709,WP108840		

19	P5382-02	COMP-2	SAM	12/26/24 11:58		rubina	OK
20	P5382-03	COMP-3	SAM	12/26/24 11:58		rubina	OK
21	PB165803BL	PB165803BL	MB	12/26/24 11:58		rubina	OK
22	CCV2	CCV2	CCV	12/26/24 12:08		rubina	OK
23	CCB2	CCB2	CCB	12/26/24 12:08		rubina	OK
24	PB165803BS	PB165803BS	LCS	12/26/24 12:08		rubina	OK
25	P5340-01	EFFLUENT	SAM	12/26/24 12:08	High	rubina	Dilution
26	P5340-05	INFLUENT	SAM	12/26/24 12:08	High	rubina	Dilution
27	P5356-01	STAND-PIPE	SAM	12/26/24 12:08		rubina	OK
28	P5356-01DUP	STAND-PIPEDUP	DUP	12/26/24 12:08		rubina	OK
29	P5356-01MS	STAND-PIPEMS	MS	12/26/24 12:16		rubina	OK
30	P5356-01MSD	STAND-PIPEMSD	MSD	12/26/24 12:16		rubina	OK
31	CCV3	CCV3	CCV	12/26/24 12:16		rubina	OK
32	CCB3	CCB3	CCB	12/26/24 12:16		rubina	OK
33	P5340-01DL	EFFLUENTDL	SAM	12/26/24 12:38	Report 10x	rubina	Confirms
34	P5340-05DL	INFLUENTDL	SAM	12/26/24 12:38	Report 2x	rubina	Confirms
35	CCV4	CCV4	CCV	12/26/24 12:38		rubina	OK
36	CCB4	CCB4	CCB	12/26/24 12:38		rubina	OK

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/27/2024

OVENTEMP IN Celsius(°C): 106
Time IN: 17:15
In Date: 12/26/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 12/27/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB134080

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
P5380-01	TAPIAL3-IDW-SOIL-122024-T1	1	1.15	8.48	9.63	8.47	86.3	
P5382-01	COMP-1	2	1.19	8.60	9.79	8.31	82.8	
P5382-02	COMP-2	3	1.15	8.82	9.97	8.43	82.5	
P5382-03	COMP-3	4	1.16	8.76	9.92	8.41	82.8	
P5382-04	SB-1	5	1.15	8.80	9.95	8.47	83.2	
P5382-05	SB-2	6	1.18	8.75	9.93	8.4	82.5	
P5382-06	SB-3	7	1.17	8.80	9.97	8.27	80.7	
P5382-07	SB-4	8	1.19	8.53	9.72	8.02	80.1	
P5382-08	SB-5	9	1.15	8.80	9.95	8.73	86.1	
P5382-09	SB-6	10	1.19	8.50	9.69	7.75	77.2	
P5382-10	SB-7	11	1.14	8.69	9.83	7.86	77.3	
P5382-11	SB-8	12	1.13	8.82	9.95	8.55	84.1	
P5382-12	SB-9	13	1.11	8.73	9.84	8.29	82.2	
P5382-13	SB-10	14	1.19	8.78	9.97	8.16	79.4	
P5382-14	SB-11	15	1.19	8.40	9.59	7.98	80.8	
P5382-15	SB-12	16	1.19	8.51	9.7	8.28	83.3	
P5383-01	OK-02-12232024	17	1.15	8.82	9.97	9.3	92.4	
P5383-02	OK-02-12232024-E2	18	1.13	8.81	9.94	9.54	95.5	
P5384-01	ORA-2066	19	1.00	1.00	2.00	2.00	100.0	wipe sample
P5384-02	ORA-2067	20	1.00	1.00	2.00	2.00	100.0	wipe sample
P5386-01	MOO-24-00398	21	1.15	8.44	9.59	8.99	92.9	
P5386-03	MOO-24-00395-96	22	1.00	1.00	2.00	2.00	100.0	debris
P5387-01	TR-05-122624	23	1.13	8.66	9.79	8.86	89.3	
P5387-02	TR-05-122624-E2	24	1.14	8.80	9.94	8.91	88.3	

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

WORKLIST(Hardcopy Internal Chain)

JB 134020

WorkList Name : %1-122624

WorkList ID : 186590

Department : Wet-Chemistry

Date : 12-26-2024 07:48:31

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5380-01	TAPIAL3-IDW-SOIL-122024-T1	Solid	Percent Solids	Cool 4 deg C	WEST04	N31	12/20/2024	Chemtech -SO
P5382-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-04	SB-1	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-05	SB-2	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-06	SB-3	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-07	SB-4	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-08	SB-5	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-09	SB-6	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-10	SB-7	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-11	SB-8	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-12	SB-9	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-13	SB-10	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-14	SB-11	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5382-15	SB-12	Solid	Percent Solids	Cool 4 deg C	POWE02	N31	12/20/2024	Chemtech -SO
P5383-01	OK-02-12232024	Solid	Percent Solids	Cool 4 deg C	PSEG05	K31	12/23/2024	Chemtech -SO
P5383-02	OK-02-12232024-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	K31	12/23/2024	Chemtech -SO
P5384-01	ORA-2066	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	12/26/2024	Chemtech -SO
P5384-02	ORA-2067	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	12/26/2024	Chemtech -SO
P5386-01	MOO-24-00398	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	12/26/2024	Chemtech -SO

Date/Time 12/26/24 16:00
 Raw Sample Received by: JB WWC
 Raw Sample Relinquished by: JB WWC

WORKLIST(Hardcopy Internal Chain)

JB 134080

WorkList Name : %1-122624 WorkList ID : 186590 Department : Wet-Chemistry Date : 12-26-2024 07:48:31

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5386-03	MOO-24-00395-96	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	12/26/2024	Chemtech -SO
P5387-01	TR-05-122624	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	12/26/2024	Chemtech -SO
P5387-02	TR-05-122624-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	12/26/2024	Chemtech -SO

Date/Time 12/26/24
 Raw Sample Received by: JB WEL
 Raw Sample Relinquished by: JB WEL

Date/Time 12/26/24
 Raw Sample Received by: JB WEL
 Raw Sample Relinquished by: JB WEL



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Kleinfelder
 ADDRESS: 25 Gold Drive
 CITY: Hamilton STATE: NJ ZIP: 08691
 ATTENTION: Mark Warchol
 PHONE: 484-883-3892 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ~~Mountaintop~~ Comegys School
 PROJECT NO.: 1400513.001 LOCATION: Philadelphia, PA
 PROJECT MANAGER: Mark Warchol
 e-mail: mwarchol@kleinfelder.com
 PHONE: 484-883-3892 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
 ADDRESS: Same
 CITY: STATE: ZIP:
 ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

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

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

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

1 2 3 4 5 6 7 8 9
 PAPER LIST: Fill
 Level 2: Fill
 On Hold

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										COMMENTS
			COMP	GRAB	DATE	TIME		E	E								
1.	COMP-1	Soil	✓		12/20/24	9:15	3	✓									* 1
2.	COMP-2					9:50											* 5
3.	COMP-3		↓			10:35	↓	↓									* 4
4.	SB-1			✓		9:25	1		✓								
5.	SB-2					9:00											
6.	SB-3					9:30											
7.	SB-4					9:10											
8.	SB-5					9:05											
9.	SB-6					8:30											
10.	SB-7					9:40											

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

RELINQUISHED BY SAMPLER: 1. <i>[Signature]</i>	DATE/TIME: 12/20/24 12:45	RECEIVED BY: 1. <i>[Signature]</i>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 1.6°C °C
RELINQUISHED BY SAMPLER: 2. FedEx	DATE/TIME: 1128 12/23/24	RECEIVED BY: 2. <i>[Signature]</i>	Comments:
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	Page 1 of 2 CLIENT: ☐ Hand Delivered ☒ Other FedEx CHEMTECH: ☐ Picked Up ☐ Field Sampling Shipment Complete ☐ YES ☐ NO

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 • Fax (908) 789-8922

www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number

P5382

2041560

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Kleinfelder
ADDRESS: 2 S Gold Drive
CITY: Hamilton STATE: NJ ZIP: 08691
ATTENTION: Mark Warchol
PHONE: 484-883-3892 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Comegys School
PROJECT NO.: 24005163.001A LOCATION: Philadelphia, PA
PROJECT MANAGER: Marks Warchol
e-mail: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#: Same
ADDRESS: Same
CITY: Same STATE: Same ZIP: Same
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

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

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

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 _____

On Hold

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		E										← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
1.	SB-8	Soil		✓	12/20/24	9:45	1	✓										
2.	SB-9	↓		↓	↓	10:00	↓	↓										
3.	SB-10	↓		↓	↓	10:15	↓	↓										
4.	SB-11	↓		↓	↓	10:30	↓	↓										
5.	SB-12	↓		↓	↓	10:05	↓	↓										
6.																		
7.																		
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>1.6°C</u> °C
1. <u>Jul</u>	<u>12/20/24 12:45</u>	1. <u>[Signature]</u>	Comments:
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2. <u>FedEx</u>	<u>12/23/24</u>	2. <u>[Signature]</u>	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3.		3.	

Page 2 of 2 CLIENT: ☐ Hand Delivered ☒ Other FedEx Shipment Complete ☐ YES ☐ NO
CHEMTECH: ☐ Picked Up ☐ Field Sampling



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488