284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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DATA PACKAGE

GENERAL CHEMISTRY
METALS

PROJECT NAME : ROTOR CLIP NJ WTD - 2025

VERINA CONSULTING GROUP, LLC

1011 US Highway 22, Suite 302

Bridgewater, NJ - 08807

Phone No: 908-864-4400

ORDER ID : Q2243

ATTENTION : Michael Valenzi

Laboratory Certification ID # 20012

Table Of Contents for Q2243

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC

Client : VERINA CONSULTING GROUP, LLC

Project Location : NJ

Project Number : 5183.0001

Laboratory Sample ID(s) : Q2243

Sampling Date(s) : 6/05/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **1664A,6010D,9012B,SM2540 D,SM4500 Cl G,SM4500-NH3,SM5210 B,SM5220 D,SOP**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☐ Yes ☑ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☑ Yes ☐ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☑ Yes ☐ No ☑ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was “No” (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is “No”, the data package does not meet the requirements for “Data of Known Quality.”

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Cover Page

Order ID : Q2243

Project ID : Rotor Clip NJ WTD - 2025

Client : VERINA CONSULTING GROUP, LLC

Lab Sample Number	Client Sample Number
Q2243-01	WATER-TREATMENT-DISCHARGE
Q2243-02	WATER-TREATMENT-DISCHARGE
Q2243-03	WATER-TREATMENT-DISCHARGEMS
Q2243-04	WATER-TREATMENT-DISCHARGEMSD

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 : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 2:28 pm, Jun 13, 2025

Date: 6/13/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

VERINA CONSULTING GROUP, LLC
Project Name: Rotor Clip NJ WTD - 2025
Project # N/A
Order ID # Q2243
Test Name: Metals Group5

A. Number of Samples and Date of Receipt:
4 Water samples were received on 06/05/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Ammonia, BOD5, COD, Cyanide, Metals Group5, Oil and Grease, Residual Chlorine and TSS. This data package contains results for Metals Group5.

C. Analytical Techniques:
The analysis of Metals Group5 was based on method 6010D and digestion based on method 3010 (waters).

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:
In analytical sequence LB136052, The % Recovery Outside limits for Zinc of CCV06 but, no any sample associated under this CCV.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature___ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 2:29 pm, Jun 13, 2025

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CASE NARRATIVE

VERINA CONSULTING GROUP, LLC
Project Name: Rotor Clip NJ WTD - 2025
Project # N/A
Order ID # Q2243
Test Name: Ammonia,BOD5,COD,Cyanide,Oil and Grease,Residual Chlorine,TSS

A. Number of Samples and Date of Receipt:
4 Water samples were received on 06/05/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Ammonia, BOD5, COD, Cyanide, Metals Group5, Oil and Grease, Residual Chlorine and TSS. This data package contains results for Ammonia,BOD5,COD,Cyanide,Oil and Grease,Residual Chlorine,TSS.

C. Analytical Techniques:
The analysis of Oil and Grease was based on method 1664A, The analysis of Cyanide was based on method 9012B, The analysis of TSS was based on method SM2540 D, The analysis of Residual Chlorine was based on method SM4500 Cl G, The analysis of Ammonia was based on method SM4500-NH3, The analysis of BOD5 was based on method SM5210 B and The analysis of COD was based on method SM5220 D.

D. QA/ QC Samples:
The Holding Times were met for all samples except for WATER-TREATMENT-DISCHARGE of Residual Chlorine as sample was receive out of holding time.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 2:29 pm, Jun 13, 2025

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2243

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 06/13/2025

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Hit Summary Sheet
SW-846

SDG No.: Q2243 **Order ID:** Q2243

Client: VERINA CONSULTING GROUP, LLC **Project ID:** Rotor Clip NJ WTD - 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WATER-TREATMENT-DISCHARGE								
Q2243-01	WATER-TREATMENT-DISCHA	Water	Chromium	16.6		1.06	5.00	ug/L
Q2243-01	WATER-TREATMENT-DISCHA	Water	Copper	7.46	J	2.30	10.0	ug/L
Q2243-01	WATER-TREATMENT-DISCHA	Water	Nickel	7.09	J	1.53	20.0	ug/L
Q2243-01	WATER-TREATMENT-DISCHA	Water	Zinc	190		8.33	20.0	ug/L

SAMPLE DATA

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Report of Analysis

Client:	VERINA CONSULTING GROUP, LLC	Date Collected:	06/05/25
Project:	Rotor Clip NJ WTD - 2025	Date Received:	06/05/25
Client Sample ID:	WATER-TREATMENT-DISCHARGE	SDG No.:	Q2243
Lab Sample ID:	Q2243-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	06/05/25 13:35	06/10/25 16:37	6010D	SW3010
7440-47-3	Chromium	16.6		1	1.06	5.00	ug/L	06/05/25 13:35	06/10/25 16:37	6010D	SW3010
7440-50-8	Copper	7.46	J	1	2.30	10.0	ug/L	06/05/25 13:35	06/10/25 16:37	6010D	SW3010
7439-92-1	Lead	1.15	U	1	1.15	6.00	ug/L	06/05/25 13:35	06/10/25 16:37	6010D	SW3010
7440-02-0	Nickel	7.09	J	1	1.53	20.0	ug/L	06/05/25 13:35	06/10/25 16:37	6010D	SW3010
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	06/05/25 13:35	06/10/25 16:37	6010D	SW3010
7440-66-6	Zinc	190		1	8.33	20.0	ug/L	06/05/25 13:35	06/10/25 16:37	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group5				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	13:33	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	13:33	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	13:33	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	13:33	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	13:33	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	13:33	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	13:33	LB136052

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	14:09	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	14:09	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	14:09	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	14:09	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	14:09	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	14:09	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	14:09	LB136052
CCB02	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	15:00	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	15:00	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	15:00	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	15:00	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	15:00	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	15:00	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	15:00	LB136052
CCB03	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	15:57	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	15:57	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	15:57	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	15:57	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	15:57	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	15:57	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	15:57	LB136052
CCB04	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	16:51	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	16:51	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	16:51	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	16:51	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	16:51	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	16:51	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	16:51	LB136052
CCB05	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	17:46	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	17:46	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	17:46	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	17:46	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	17:46	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	17:46	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	17:46	LB136052
CCB06	Cadmium	0.50	+/-3	U	6.00	P	06/07/2025	03:07	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/07/2025	03:07	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/07/2025	03:07	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/07/2025	03:07	LB136052

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Nickel	3.06	+/-20	U	40.0	P	06/07/2025	03:07	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/07/2025	03:07	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/07/2025	03:07	LB136052
CCB07	Cadmium	0.50	+/-3	U	6.00	P	06/07/2025	03:44	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/07/2025	03:44	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/07/2025	03:44	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/07/2025	03:44	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/07/2025	03:44	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/07/2025	03:44	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/07/2025	03:44	LB136052

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	14:45	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	14:45	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	14:45	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	14:45	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	14:45	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	14:45	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	14:45	LB136097

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	15:35	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	15:35	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	15:35	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	15:35	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	15:35	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	15:35	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	15:35	LB136097
CCB02	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	16:32	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	16:32	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	16:32	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	16:32	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	16:32	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	16:32	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	16:32	LB136097
CCB03	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	17:40	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	17:40	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	17:40	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	17:40	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	17:40	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	17:40	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	17:40	LB136097
CCB04	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	18:32	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	18:32	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	18:32	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	18:32	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	18:32	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	18:32	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	18:32	LB136097
CCB05	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	19:22	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	19:22	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	19:22	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	19:22	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	19:22	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	19:22	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	19:22	LB136097
CCB06	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	20:14	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	20:14	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	20:14	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	20:14	LB136097

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	20:14	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	20:14	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	20:14	LB136097
CCB07	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	21:08	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	21:08	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	21:08	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	21:08	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	21:08	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	21:08	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	21:08	LB136097
CCB08	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	22:08	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	22:08	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	22:08	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	22:08	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	22:08	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	22:08	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	22:08	LB136097
CCB09	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	23:01	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	23:01	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	23:01	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	23:01	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	23:01	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	23:01	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	23:01	LB136097
CCB10	Cadmium	0.50	+/-3	U	6.00	P	06/11/2025	00:02	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/11/2025	00:02	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/11/2025	00:02	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/11/2025	00:02	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/11/2025	00:02	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/11/2025	00:02	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/11/2025	00:02	LB136097
CCB11	Cadmium	0.50	+/-3	U	6.00	P	06/11/2025	01:39	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/11/2025	01:39	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/11/2025	01:39	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/11/2025	01:39	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/11/2025	01:39	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/11/2025	01:39	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/11/2025	01:39	LB136097
CCB12	Cadmium	0.50	+/-3	U	6.00	P	06/11/2025	02:25	LB136097

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB12	Chromium	2.12	+/-5	U	10.0	P	06/11/2025	02:25	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/11/2025	02:25	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/11/2025	02:25	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/11/2025	02:25	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/11/2025	02:25	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/11/2025	02:25	LB136097

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PREPARATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168284BL		**WATER**		**Batch Number:**	**PB168284**		**Prep Date:**	**06/05/2025**	
	Cadmium	0.25	<1.5	U	3.00	P	06/10/2025	18:44	LB136097
	Chromium	1.06	<2.5	U	5.00	P	06/06/2025	14:22	LB136052
	Copper	2.30	<5	U	10.0	P	06/10/2025	18:44	LB136097
	Lead	1.15	<3	U	6.00	P	06/06/2025	14:22	LB136052
	Nickel	1.53	<10	U	20.0	P	06/10/2025	18:44	LB136097
	Silver	0.81	<2.5	U	5.00	P	06/06/2025	14:22	LB136052
	Zinc	8.33	<10	U	20.0	P	06/10/2025	18:44	LB136097

METAL CALIBRATION DATA

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Cadmium	502	510	98	90 - 110	P	06/06/2025	13:16	LB136052
	Chromium	522	520	100	90 - 110	P	06/06/2025	13:16	LB136052
	Copper	527	510	103	90 - 110	P	06/06/2025	13:16	LB136052
	Lead	980	1000	98	90 - 110	P	06/06/2025	13:16	LB136052
	Nickel	533	530	100	90 - 110	P	06/06/2025	13:16	LB136052
	Silver	243	250	97	90 - 110	P	06/06/2025	13:16	LB136052
	Zinc	991	1000	99	90 - 110	P	06/06/2025	13:16	LB136052

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Cadmium	6.02	6.0	100	80 - 120	P	06/06/2025	13:29	LB136052
	Chromium	9.45	10.0	94	80 - 120	P	06/06/2025	13:29	LB136052
	Copper	21.0	20.0	105	80 - 120	P	06/06/2025	13:29	LB136052
	Lead	13.9	12.0	116	80 - 120	P	06/06/2025	13:29	LB136052
	Nickel	39.7	40.0	99	80 - 120	P	06/06/2025	13:29	LB136052
	Silver	9.79	10.0	98	80 - 120	P	06/06/2025	13:29	LB136052
	Zinc	43.4	40.0	108	80 - 120	P	06/06/2025	13:29	LB136052

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Cadmium	2460	2500	98	90 - 110	P	06/06/2025	14:05	LB136052
	Chromium	995	1000	100	90 - 110	P	06/06/2025	14:05	LB136052
	Copper	1250	1250	100	90 - 110	P	06/06/2025	14:05	LB136052
	Lead	4910	5000	98	90 - 110	P	06/06/2025	14:05	LB136052
	Nickel	2460	2500	98	90 - 110	P	06/06/2025	14:05	LB136052
	Silver	1240	1250	99	90 - 110	P	06/06/2025	14:05	LB136052
	Zinc	2480	2500	99	90 - 110	P	06/06/2025	14:05	LB136052
CCV02	Cadmium	2470	2500	99	90 - 110	P	06/06/2025	14:56	LB136052
	Chromium	993	1000	99	90 - 110	P	06/06/2025	14:56	LB136052
	Copper	1280	1250	102	90 - 110	P	06/06/2025	14:56	LB136052
	Lead	4960	5000	99	90 - 110	P	06/06/2025	14:56	LB136052
	Nickel	2480	2500	99	90 - 110	P	06/06/2025	14:56	LB136052
	Silver	1250	1250	100	90 - 110	P	06/06/2025	14:56	LB136052
	Zinc	2490	2500	100	90 - 110	P	06/06/2025	14:56	LB136052
CCV03	Cadmium	2510	2500	100	90 - 110	P	06/06/2025	15:50	LB136052
	Chromium	998	1000	100	90 - 110	P	06/06/2025	15:50	LB136052
	Copper	1280	1250	103	90 - 110	P	06/06/2025	15:50	LB136052
	Lead	5000	5000	100	90 - 110	P	06/06/2025	15:50	LB136052
	Nickel	2510	2500	100	90 - 110	P	06/06/2025	15:50	LB136052
	Silver	1240	1250	99	90 - 110	P	06/06/2025	15:50	LB136052
	Zinc	2470	2500	99	90 - 110	P	06/06/2025	15:50	LB136052
CCV04	Cadmium	2450	2500	98	90 - 110	P	06/06/2025	16:46	LB136052
	Chromium	993	1000	99	90 - 110	P	06/06/2025	16:46	LB136052
	Copper	1240	1250	99	90 - 110	P	06/06/2025	16:46	LB136052
	Lead	4890	5000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Nickel	2450	2500	98	90 - 110	P	06/06/2025	16:46	LB136052
	Silver	1230	1250	98	90 - 110	P	06/06/2025	16:46	LB136052
	Zinc	2460	2500	98	90 - 110	P	06/06/2025	16:46	LB136052
CCV05	Cadmium	2390	2500	96	90 - 110	P	06/06/2025	17:40	LB136052
	Chromium	977	1000	98	90 - 110	P	06/06/2025	17:40	LB136052
	Copper	1250	1250	100	90 - 110	P	06/06/2025	17:40	LB136052
	Lead	4810	5000	96	90 - 110	P	06/06/2025	17:40	LB136052
	Nickel	2410	2500	96	90 - 110	P	06/06/2025	17:40	LB136052
	Silver	1230	1250	99	90 - 110	P	06/06/2025	17:40	LB136052

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Zinc	2450	2500	98	90 - 110	P	06/06/2025	17:40	LB136052
CCV06	Cadmium	2300	2500	92	90 - 110	P	06/07/2025	03:03	LB136052
	Chromium	907	1000	91	90 - 110	P	06/07/2025	03:03	LB136052
	Copper	1170	1250	94	90 - 110	P	06/07/2025	03:03	LB136052
	Lead	4580	5000	92	90 - 110	P	06/07/2025	03:03	LB136052
	Nickel	2300	2500	92	90 - 110	P	06/07/2025	03:03	LB136052
	Silver	1120	1250	90	90 - 110	P	06/07/2025	03:03	LB136052
	Zinc	2190	2500	88	90 - 110	P	06/07/2025	03:03	LB136052
CCV07	Cadmium	2330	2500	93	90 - 110	P	06/07/2025	03:40	LB136052
	Chromium	951	1000	95	90 - 110	P	06/07/2025	03:40	LB136052
	Copper	1180	1250	94	90 - 110	P	06/07/2025	03:40	LB136052
	Lead	4630	5000	92	90 - 110	P	06/07/2025	03:40	LB136052
	Nickel	2330	2500	93	90 - 110	P	06/07/2025	03:40	LB136052
	Silver	1180	1250	95	90 - 110	P	06/07/2025	03:40	LB136052
	Zinc	2300	2500	92	90 - 110	P	06/07/2025	03:40	LB136052

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Cadmium	1920	2000	96	90 - 110	P	06/10/2025	14:37	LB136097
	Chromium	794	800	99	90 - 110	P	06/10/2025	14:37	LB136097
	Copper	994	1000	99	90 - 110	P	06/10/2025	14:37	LB136097
	Lead	3800	4000	95	90 - 110	P	06/10/2025	14:37	LB136097
	Nickel	1930	2000	97	90 - 110	P	06/10/2025	14:37	LB136097
	Silver	978	1000	98	90 - 110	P	06/10/2025	14:37	LB136097
	Zinc	1980	2000	99	90 - 110	P	06/10/2025	14:37	LB136097

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Cadmium	6.31	6.0	105	80 - 120	P	06/10/2025	14:41	LB136097
	Chromium	10.8	10.0	108	80 - 120	P	06/10/2025	14:41	LB136097
	Copper	22.6	20.0	113	80 - 120	P	06/10/2025	14:41	LB136097
	Lead	12.8	12.0	107	80 - 120	P	06/10/2025	14:41	LB136097
	Nickel	41.6	40.0	104	80 - 120	P	06/10/2025	14:41	LB136097
	Silver	10.5	10.0	105	80 - 120	P	06/10/2025	14:41	LB136097
	Zinc	43.7	40.0	109	80 - 120	P	06/10/2025	14:41	LB136097

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Cadmium	2510	2500	100	90 - 110	P	06/10/2025	15:30	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	15:30	LB136097
	Copper	1270	1250	101	90 - 110	P	06/10/2025	15:30	LB136097
	Lead	5030	5000	100	90 - 110	P	06/10/2025	15:30	LB136097
	Nickel	2510	2500	100	90 - 110	P	06/10/2025	15:30	LB136097
	Silver	1270	1250	101	90 - 110	P	06/10/2025	15:30	LB136097
	Zinc	2560	2500	102	90 - 110	P	06/10/2025	15:30	LB136097
CCV02	Cadmium	2540	2500	102	90 - 110	P	06/10/2025	16:28	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	16:28	LB136097
	Copper	1280	1250	102	90 - 110	P	06/10/2025	16:28	LB136097
	Lead	5070	5000	101	90 - 110	P	06/10/2025	16:28	LB136097
	Nickel	2540	2500	101	90 - 110	P	06/10/2025	16:28	LB136097
	Silver	1270	1250	102	90 - 110	P	06/10/2025	16:28	LB136097
	Zinc	2570	2500	103	90 - 110	P	06/10/2025	16:28	LB136097
CCV03	Cadmium	2540	2500	102	90 - 110	P	06/10/2025	17:36	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	17:36	LB136097
	Copper	1280	1250	102	90 - 110	P	06/10/2025	17:36	LB136097
	Lead	5080	5000	102	90 - 110	P	06/10/2025	17:36	LB136097
	Nickel	2540	2500	102	90 - 110	P	06/10/2025	17:36	LB136097
	Silver	1280	1250	103	90 - 110	P	06/10/2025	17:36	LB136097
	Zinc	2580	2500	103	90 - 110	P	06/10/2025	17:36	LB136097
CCV04	Cadmium	2580	2500	103	90 - 110	P	06/10/2025	18:28	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	18:28	LB136097
	Copper	1290	1250	103	90 - 110	P	06/10/2025	18:28	LB136097
	Lead	5160	5000	103	90 - 110	P	06/10/2025	18:28	LB136097
	Nickel	2570	2500	103	90 - 110	P	06/10/2025	18:28	LB136097
	Silver	1290	1250	103	90 - 110	P	06/10/2025	18:28	LB136097
	Zinc	2540	2500	101	90 - 110	P	06/10/2025	18:28	LB136097
CCV05	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	19:18	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	19:18	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	19:18	LB136097
	Lead	5090	5000	102	90 - 110	P	06/10/2025	19:18	LB136097
	Nickel	2540	2500	102	90 - 110	P	06/10/2025	19:18	LB136097
	Silver	1260	1250	101	90 - 110	P	06/10/2025	19:18	LB136097

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Zinc	2510	2500	100	90 - 110	P	06/10/2025	19:18	LB136097
CCV06	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	20:09	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	20:09	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	20:09	LB136097
	Lead	5110	5000	102	90 - 110	P	06/10/2025	20:09	LB136097
	Nickel	2550	2500	102	90 - 110	P	06/10/2025	20:09	LB136097
	Silver	1290	1250	103	90 - 110	P	06/10/2025	20:09	LB136097
	Zinc	2570	2500	103	90 - 110	P	06/10/2025	20:09	LB136097
CCV07	Cadmium	2600	2500	104	90 - 110	P	06/10/2025	21:04	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	21:04	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	21:04	LB136097
	Lead	5210	5000	104	90 - 110	P	06/10/2025	21:04	LB136097
	Nickel	2590	2500	104	90 - 110	P	06/10/2025	21:04	LB136097
	Silver	1280	1250	102	90 - 110	P	06/10/2025	21:04	LB136097
	Zinc	2540	2500	102	90 - 110	P	06/10/2025	21:04	LB136097
CCV08	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	22:04	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	22:04	LB136097
	Copper	1280	1250	103	90 - 110	P	06/10/2025	22:04	LB136097
	Lead	5130	5000	102	90 - 110	P	06/10/2025	22:04	LB136097
	Nickel	2560	2500	103	90 - 110	P	06/10/2025	22:04	LB136097
	Silver	1280	1250	102	90 - 110	P	06/10/2025	22:04	LB136097
	Zinc	2550	2500	102	90 - 110	P	06/10/2025	22:04	LB136097
CCV09	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	22:56	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	22:56	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	22:56	LB136097
	Lead	5100	5000	102	90 - 110	P	06/10/2025	22:56	LB136097
	Nickel	2560	2500	102	90 - 110	P	06/10/2025	22:56	LB136097
	Silver	1290	1250	103	90 - 110	P	06/10/2025	22:56	LB136097
	Zinc	2580	2500	103	90 - 110	P	06/10/2025	22:56	LB136097
CCV10	Cadmium	2540	2500	102	90 - 110	P	06/10/2025	23:57	LB136097
	Chromium	1060	1000	106	90 - 110	P	06/10/2025	23:57	LB136097
	Copper	1280	1250	102	90 - 110	P	06/10/2025	23:57	LB136097
	Lead	5100	5000	102	90 - 110	P	06/10/2025	23:57	LB136097
	Nickel	2560	2500	102	90 - 110	P	06/10/2025	23:57	LB136097

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Silver	1310	1250	104	90 - 110	P	06/10/2025	23:57	LB136097
	Zinc	2630	2500	105	90 - 110	P	06/10/2025	23:57	LB136097
CCV11	Cadmium	2570	2500	103	90 - 110	P	06/11/2025	01:35	LB136097
	Chromium	1040	1000	104	90 - 110	P	06/11/2025	01:35	LB136097
	Copper	1290	1250	103	90 - 110	P	06/11/2025	01:35	LB136097
	Lead	5160	5000	103	90 - 110	P	06/11/2025	01:35	LB136097
	Nickel	2590	2500	104	90 - 110	P	06/11/2025	01:35	LB136097
	Silver	1280	1250	103	90 - 110	P	06/11/2025	01:35	LB136097
	Zinc	2600	2500	104	90 - 110	P	06/11/2025	01:35	LB136097
CCV12	Cadmium	2400	2500	96	90 - 110	P	06/11/2025	02:21	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/11/2025	02:21	LB136097
	Copper	1200	1250	96	90 - 110	P	06/11/2025	02:21	LB136097
	Lead	4810	5000	96	90 - 110	P	06/11/2025	02:21	LB136097
	Nickel	2420	2500	97	90 - 110	P	06/11/2025	02:21	LB136097
	Silver	1280	1250	102	90 - 110	P	06/11/2025	02:21	LB136097
	Zinc	2590	2500	104	90 - 110	P	06/11/2025	02:21	LB136097

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Metals

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CRDL STANDARD FOR AA & ICP

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Cadmium	5.92	6.0	99	65 - 135	P	06/06/2025	13:37	LB136052
	Chromium	9.75	10.0	98	65 - 135	P	06/06/2025	13:37	LB136052
	Copper	20.8	20.0	104	65 - 135	P	06/06/2025	13:37	LB136052
	Lead	13.8	12.0	115	65 - 135	P	06/06/2025	13:37	LB136052
	Nickel	39.5	40.0	99	65 - 135	P	06/06/2025	13:37	LB136052
	Silver	10.1	10.0	101	65 - 135	P	06/06/2025	13:37	LB136052
	Zinc	45.4	40.0	113	65 - 135	P	06/06/2025	13:37	LB136052
CRI01	Cadmium	6.07	6.0	101	65 - 135	P	06/10/2025	14:50	LB136097
	Chromium	10.7	10.0	107	65 - 135	P	06/10/2025	14:50	LB136097
	Copper	22.7	20.0	114	65 - 135	P	06/10/2025	14:50	LB136097
	Lead	13.4	12.0	112	65 - 135	P	06/10/2025	14:50	LB136097
	Nickel	40.8	40.0	102	65 - 135	P	06/10/2025	14:50	LB136097
	Silver	10.6	10.0	106	65 - 135	P	06/10/2025	14:50	LB136097
	Zinc	44.1	40.0	110	65 - 135	P	06/10/2025	14:50	LB136097

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INTERFERENCE CHECK SAMPLE

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Cadmium	2.20	1.0	220	-5	7	06/06/2025	13:42	LB136052
	Chromium	45.0	52.0	86	42	62	06/06/2025	13:42	LB136052
	Copper	-6.16	2.0	308	-18	22	06/06/2025	13:42	LB136052
	Lead	2.11			-12	12	06/06/2025	13:42	LB136052
	Nickel	2.48	2.0	124	-38	42	06/06/2025	13:42	LB136052
	Silver	0.046			-10	10	06/06/2025	13:42	LB136052
	Zinc	4.89			-40	40	06/06/2025	13:42	LB136052
ICSAB01	Cadmium	970	972	100	826	1120	06/06/2025	13:46	LB136052
	Chromium	545	542	101	460	624	06/06/2025	13:46	LB136052
	Copper	482	511	94	434	588	06/06/2025	13:46	LB136052
	Lead	47.1	49.0	96	37	61	06/06/2025	13:46	LB136052
	Nickel	972	954	102	810	1100	06/06/2025	13:46	LB136052
	Silver	213	201	106	170	232	06/06/2025	13:46	LB136052
	Zinc	1030	952	108	809	1095	06/06/2025	13:46	LB136052
ICSA01	Cadmium	4.20	1.0	420	-5	7	06/10/2025	14:54	LB136097
	Chromium	47.4	52.0	91	42	62	06/10/2025	14:54	LB136097
	Copper	3.36	2.0	168	-18	22	06/10/2025	14:54	LB136097
	Lead	-3.62			-12	12	06/10/2025	14:54	LB136097
	Nickel	2.57	2.0	128	-38	42	06/10/2025	14:54	LB136097
	Silver	-2.86			-10	10	06/10/2025	14:54	LB136097
	Zinc	6.32			-40	40	06/10/2025	14:54	LB136097
ICSAB01	Cadmium	1010	972	104	826	1120	06/10/2025	15:18	LB136097
	Chromium	549	542	101	460	624	06/10/2025	15:18	LB136097
	Copper	496	511	97	434	588	06/10/2025	15:18	LB136097
	Lead	43.7	49.0	89	37	61	06/10/2025	15:18	LB136097
	Nickel	999	954	105	810	1100	06/10/2025	15:18	LB136097
	Silver	193	201	96	170	232	06/10/2025	15:18	LB136097
	Zinc	1070	952	112	809	1095	06/10/2025	15:18	LB136097

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: VERINA CONSULTING GROUP, LLC **level:** low **sdg no.:** Q2243

contract: VERI01 **lab code:** CHEM **case no.:** Q2243 **sas no.:** Q2243

matrix: Water **sample id:** Q2197-05 **client id:** DSN003MS

Percent Solids for Sample: NA **Spiked ID:** Q2197-05MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	75 - 125	102		3.00	U	100	102		P
Chromium	ug/L	75 - 125	208		2.00	J	200	103		P
Copper	ug/L	75 - 125	159		5.15	J	150	102		P
Lead	ug/L	75 - 125	480		6.00	U	500	96		P
Nickel	ug/L	75 - 125	266		10.1	J	250	102		P
Silver	ug/L	75 - 125	34.5		5.00	U	37.5	92		P
Zinc	ug/L	75 - 125	182		73.5		100	108		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: VERINA CONSULTING GROUP, LLC **level:** low **sdg no.:** Q2243

contract: VERI01 **lab code:** CHEM **case no.:** Q2243 **sas no.:** Q2243

matrix: Water **sample id:** Q2197-05 **client id:** DSN003MSD

Percent Solids for Sample: NA **Spiked ID:** Q2197-05MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	75 - 125	105		3.00	U	100	105		P
Chromium	ug/L	75 - 125	216		2.00	J	200	107		P
Copper	ug/L	75 - 125	164		5.15	J	150	106		P
Lead	ug/L	75 - 125	493		6.00	U	500	99		P
Nickel	ug/L	75 - 125	273		10.1	J	250	105		P
Silver	ug/L	75 - 125	36.9		5.00	U	37.5	98		P
Zinc	ug/L	75 - 125	192		73.5		100	118		P

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Metals
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Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Matrix: **Level:** LOW **Client ID:**

Sample ID: **Spiked ID:**

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: VERINA CONSULTING GROUP, LLC **Level:** LOW **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Matrix: Water **Sample ID:** Q2197-05 **Client ID:** DSN003DUP

Percent Solids for Sample: NA **Duplicate ID** Q2197-05DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cadmium	ug/L	20	3.00	U	3.00	U			P
Chromium	ug/L	20	2.00	J	2.01	J	0		P
Copper	ug/L	20	5.15	J	5.24	J	2		P
Lead	ug/L	20	6.00	U	6.00	U			P
Nickel	ug/L	20	10.1	J	10.9	J	7		P
Silver	ug/L	20	5.00	U	5.00	U			P
Zinc	ug/L	20	73.5		74.5		1		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: VERINA CONSULTING GROUP, LLC **Level:** LOW **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Matrix: Water **Sample ID:** Q2197-05MS **Client ID:** DSN003MSD

Percent Solids for Sample: NA **Duplicate ID** Q2197-05MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cadmium	ug/L	20	102		105		3		P
Chromium	ug/L	20	208		216		4		P
Copper	ug/L	20	159		164		3		P
Lead	ug/L	20	480		493		3		P
Nickel	ug/L	20	266		273		3		P
Silver	ug/L	20	34.5		36.9		7		P
Zinc	ug/L	20	182		192		5		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168284BS							
Cadmium	ug/L	100	111		111	80 - 120	P
Chromium	ug/L	200	204		102	80 - 120	P
Copper	ug/L	150	170		113	80 - 120	P
Lead	ug/L	500	490		98	80 - 120	P
Nickel	ug/L	250	277		111	80 - 120	P
Silver	ug/L	37.5	41.6		111	80 - 120	P
Zinc	ug/L	100	114		114	80 - 120	P

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ICP SERIAL DILUTIONS

SAMPLE NO.

DSN003L

Lab Name: Chemtech Consulting Group **Contract:** VERI01

Lab Code: CHEM **Lb No.:** lb136097 **Lab Sample ID :** Q2197-05L **SDG No.:** Q2243

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Cadmium	3.00	U	15.0	U			P
Chromium	2.00	J	25.0	U	100.0		P
Copper	5.15	J	13.1	J	154		P
Lead	6.00	U	30.0	U			P
Nickel	10.1	J	12.9	J	28		P
Silver	5.00	U	25.0	U			P
Zinc	73.5		72.7	J	1		P

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ANALYSIS RUN LOG

Client: VERINA CONSULTING GROUP, LLC **Contract:** VERI01

Lab code: CHEM **Case no.:** Q2243 **Sas no.:** Q2243 **Sdg no.:** Q2243

Instrument id number: **Method:** **Run number:** LB136052

Start date: 06/06/2025 **End date:** 06/07/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1250	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S1	S1	1	1254	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S2	S2	1	1259	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S3	S3	1	1303	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S4	S4	1	1307	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S5	S5	1	1312	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICV01	ICV01	1	1316	Ag,Cd,Cr,Cu,Ni,Pb,Zn
LLICV01	LLICV01	1	1329	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICB01	ICB01	1	1333	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CRI01	CRI01	1	1337	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICSA01	ICSA01	1	1342	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICSAB01	ICSAB01	1	1346	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV01	CCV01	1	1405	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB01	CCB01	1	1409	Ag,Cd,Cr,Cu,Ni,Pb,Zn
PB168284BL	PB168284BL	1	1422	Ag,Cd,Cr,Cu,Ni,Pb,Zn
PB168284BS	PB168284BS	1	1426	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV02	CCV02	1	1456	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB02	CCB02	1	1500	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV03	CCV03	1	1550	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB03	CCB03	1	1557	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV04	CCV04	1	1646	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB04	CCB04	1	1651	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV05	CCV05	1	1740	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB05	CCB05	1	1746	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV06	CCV06	1	0303	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB06	CCB06	1	0307	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV07	CCV07	1	0340	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB07	CCB07	1	0344	Ag,Cd,Cr,Cu,Ni,Pb,Zn

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ANALYSIS RUN LOG

Client: VERINA CONSULTING GROUP, LLC **Contract:** VERI01

Lab code: CHEM **Case no.:** Q2243 **Sas no.:** Q2243 **Sdg no.:** Q2243

Instrument id number: **Method:** **Run number:** LB136097

Start date: 06/10/2025 **End date:** 06/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1401	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S1	S1	1	1405	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S2	S2	1	1409	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S3	S3	1	1414	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S4	S4	1	1418	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S5	S5	1	1422	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICV01	ICV01	1	1437	Ag,Cd,Cr,Cu,Ni,Pb,Zn
LLICV01	LLICV01	1	1441	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICB01	ICB01	1	1445	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CRI01	CRI01	1	1450	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICSA01	ICSA01	1	1454	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICSAB01	ICSAB01	1	1518	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV01	CCV01	1	1530	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB01	CCB01	1	1535	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV02	CCV02	1	1628	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB02	CCB02	1	1632	Ag,Cd,Cr,Cu,Ni,Pb,Zn
Q2243-01	WATER-TREATMENT-DISCH/	1	1637	Ag,Cd,Cr,Cu,Ni,Pb,Zn
Q2197-05DUP	DSN003DUP	1	1653	Ag,Cd,Cr,Cu,Ni,Pb,Zn
Q2197-05L	DSN003L	5	1658	Ag,Cd,Cr,Cu,Ni,Pb,Zn
Q2197-05MS	DSN003MS	1	1702	Ag,Cd,Cr,Cu,Ni,Pb,Zn
Q2197-05MSD	DSN003MSD	1	1706	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV03	CCV03	1	1736	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB03	CCB03	1	1740	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV04	CCV04	1	1828	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB04	CCB04	1	1832	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV05	CCV05	1	1918	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB05	CCB05	1	1922	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV06	CCV06	1	2009	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB06	CCB06	1	2014	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV07	CCV07	1	2104	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB07	CCB07	1	2108	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV08	CCV08	1	2204	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB08	CCB08	1	2208	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV09	CCV09	1	2256	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB09	CCB09	1	2301	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV10	CCV10	1	2357	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB10	CCB10	1	0002	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV11	CCV11	1	0135	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB11	CCB11	1	0139	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV12	CCV12	1	0221	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB12	CCB12	1	0225	Ag,Cd,Cr,Cu,Ni,Pb,Zn

METAL PREPARATION & INSTRUMENT DATA

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q2243 **SAS No.:** Q2243

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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LAB CHRONICLE

OrderID:	Q2243	**OrderDate:**	6/5/2025 12:47:00 PM
Client:	VERINA CONSULTING GROUP, LLC	**Project:**	Rotor Clip NJ WTD - 2025
Contact:	Michael Valenzi	**Location:**	N41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2243-01	**WATER-TREATMENT-DISCHARGE**	**Water**			**06/05/25**			**06/05/25**
			Metals Group5	6010D		06/05/25	06/10/25	

METAL PREPARATION & ANALYICAL SUMMARY

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

Metals
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SAMPLE PREPARATION SUMMARY

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Contract: VERI01 **Lab Code:** CHEM **Method:**

Case No.: Q2243 **SAS No.:** Q2243

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168284**						
PB168284BL	PB168284BL	MB	WATER	06/05/2025	50.0	25.0	
PB168284BS	PB168284BS	LCS	WATER	06/05/2025	50.0	25.0	
Q2197-05DUP	DSN003DUP	DUP	WATER	06/05/2025	50.0	25.0	
Q2197-05MS	DSN003MS	MS	WATER	06/05/2025	50.0	25.0	
Q2197-05MSD	DSN003MSD	MSD	WATER	06/05/2025	50.0	25.0	
Q2243-01	WATER-TREATMENT-DISCHARGE	SAM	WATER	06/05/2025	50.0	25.0	

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/06/25 12:50		Jaswal	OK
2	S1	S1	CAL2	06/06/25 12:54		Jaswal	OK
3	S2	S2	CAL3	06/06/25 12:59		Jaswal	OK
4	S3	S3	CAL4	06/06/25 13:03		Jaswal	OK
5	S4	S4	CAL5	06/06/25 13:07		Jaswal	OK
6	S5	S5	CAL6	06/06/25 13:12		Jaswal	OK
7	ICV01	ICV01	ICV	06/06/25 13:16		Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/06/25 13:29		Jaswal	OK
9	ICB01	ICB01	ICB	06/06/25 13:33		Jaswal	OK
10	CRI01	CRI01	CRDL	06/06/25 13:37		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/06/25 13:42		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/06/25 13:46		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/06/25 13:50		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/06/25 13:54		Jaswal	OK
15	CCV01	CCV01	CCV	06/06/25 14:05		Jaswal	OK
16	CCB01	CCB01	CCB	06/06/25 14:09		Jaswal	OK
17	PB168279BL	PB168279BL	MB	06/06/25 14:13		Jaswal	OK
18	PB168279BS	PB168279BS	LCS	06/06/25 14:18		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

19	PB168284BL	PB168284BL	MB	06/06/25 14:22		Jaswal	OK
20	PB168284BS	PB168284BS	LCS	06/06/25 14:26		Jaswal	OK
21	PB168302BL	PB168302BL	MB	06/06/25 14:30		Jaswal	OK
22	PB168302BS	PB168302BS	LCS	06/06/25 14:35		Jaswal	OK
23	PB168307BL	PB168307BL	MB	06/06/25 14:39		Jaswal	OK
24	PB168307BS	PB168307BS	LCS	06/06/25 14:43		Jaswal	OK
25	Q2237-02	TW-WTS-10	SAM	06/06/25 14:47		Jaswal	OK
26	PB168291BL	PB168291BL	MB	06/06/25 14:52		Jaswal	OK
27	CCV02	CCV02	CCV	06/06/25 14:56		Jaswal	OK
28	CCB02	CCB02	CCB	06/06/25 15:00		Jaswal	OK
29	PB168291BS	PB168291BS	LCS	06/06/25 15:06		Jaswal	OK
30	PB168271TB	PB168271TB	MB	06/06/25 15:10		Jaswal	OK
31	Q2192-01	SB-1	SAM	06/06/25 15:15		Jaswal	OK
32	Q2194-02	COMP-12	SAM	06/06/25 15:19	Need to Confirm TCLP Result For Ba	Jaswal	OK
33	Q2194-04	COMP-13	SAM	06/06/25 15:24	Need to Confirm TCLP Result For Ba	Jaswal	OK
34	Q2198-02	B-202-SB02	SAM	06/06/25 15:28		Jaswal	OK
35	Q2198-04	B-207-SB02	SAM	06/06/25 15:33		Jaswal	OK
36	Q2206-04	TP-1	SAM	06/06/25 15:37		Jaswal	OK
37	Q2207-09	BU-703-COMP-01	SAM	06/06/25 15:41	Need to Confirm TCLP Result For Ba,Zn	Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

38	Q2207-18	BU-703-COMP-02	SAM	06/06/25 15:46	Need to Confirm TCLP Result For Ba,Zn	Jaswal	OK
39	CCV03	CCV03	CCV	06/06/25 15:50		Jaswal	OK
40	CCB03	CCB03	CCB	06/06/25 15:57		Jaswal	OK
41	Q2207-27	BU-703-COMP-03	SAM	06/06/25 16:01		Jaswal	OK
42	Q2207-36	BU-703-COMP-04	SAM	06/06/25 16:10	Need to Confirm TCLP Result For Ba	Jaswal	OK
43	Q2207-45	BU-703-COMP-05	SAM	06/06/25 16:15		Jaswal	OK
44	Q2208-09	BU-703-COMP-06	SAM	06/06/25 16:19	Need to Confirm TCLP Result For Ba	Jaswal	OK
45	Q2208-18	BU-703-COMP-07	SAM	06/06/25 16:24	Need to Confirm TCLP Result For Zn	Jaswal	OK
46	Q2208-27	BU-703-COMP-08	SAM	06/06/25 16:28	Need to Confirm TCLP Result For Ba	Jaswal	OK
47	Q2208-36	BU-703-COMP-09	SAM	06/06/25 16:33	Not Use	Jaswal	Not Ok
48	Q2206-01	TP-1	SAM	06/06/25 16:37		Jaswal	OK
49	Q2207-01	BU-703-COMP-01	SAM	06/06/25 16:41		Jaswal	OK
50	CCV04	CCV04	CCV	06/06/25 16:46		Jaswal	OK
51	CCB04	CCB04	CCB	06/06/25 16:51		Jaswal	OK
52	Q2207-10	BU-703-COMP-02	SAM	06/06/25 16:55		Jaswal	OK
53	Q2207-19	BU-703-COMP-03	SAM	06/06/25 16:59		Jaswal	OK
54	Q2207-28	BU-703-COMP-04	SAM	06/06/25 17:03		Jaswal	OK
55	Q2207-37	BU-703-COMP-05	SAM	06/06/25 17:11		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

56	Q2208-01	BU-703-COMP-06	SAM	06/06/25 17:15		Jaswal	OK
57	Q2208-10	BU-703-COMP-07	SAM	06/06/25 17:19		Jaswal	OK
58	Q2208-19	BU-703-COMP-08	SAM	06/06/25 17:23		Jaswal	OK
59	Q2208-28	BU-703-COMP-09	SAM	06/06/25 17:28		Jaswal	OK
60	Q2218-01	72-11934	SAM	06/06/25 17:32		Jaswal	OK
61	Q2218-03DL	3309DL	SAM	06/06/25 17:36	Test not on log in page	Jaswal	Not Ok
62	CCV05	CCV05	CCV	06/06/25 17:40		Jaswal	OK
63	CCB05	CCB05	CCB	06/06/25 17:46		Jaswal	OK
64	Q2223-01	HR-01-06042025	SAM	06/06/25 17:51	CCV06 Fail For Many parameters	Jaswal	Not Ok
65	Q2223-03	HR-04-06042025	SAM	06/06/25 17:55	CCV06 Fail For Many parameters	Jaswal	Not Ok
66	Q2225-01	SU-03-06042025	SAM	06/06/25 17:59	CCV06 Fail For Many parameters	Jaswal	Not Ok
67	Q2226-01	TP06-MHI-WC	SAM	06/06/25 18:03	CCV06 Fail For Many parameters	Jaswal	Not Ok
68	Q2227-01	TP07-MHH-WC	SAM	06/06/25 18:07	CCV06 Fail For Many parameters	Jaswal	Not Ok
69	Q2228-01	TP08-MHI-WC	SAM	06/06/25 19:31	CCV06 Fail For Many parameters	Jaswal	Not Ok
70	Q2208-36DUP	BU-703-COMP-09DU	DUP	06/06/25 22:54	CCV06 Fail For Many parameters	Jaswal	Not Ok
71	Q2208-36L	BU-703-COMP-09L	SD	06/07/25 01:22	CCV06 Fail For Many parameters	Jaswal	Not Ok
72	Q2208-36MS	BU-703-COMP-09MS	MS	06/07/25 02:54	CCV06 Fail For Many parameters	Jaswal	Not Ok

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

73	CCV06	CCV06	CCV	06/07/25 03:03		Jaswal	OK
74	CCB06	CCB06	CCB	06/07/25 03:07		Jaswal	OK
75	Q2208-36MSD	BU-703-COMP-09MS	MSD	06/07/25 03:11	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
76	Q2208-36A	BU-703-COMP-09A	PS	06/07/25 03:15	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
77	Q2226-01DUP	TP06-MHI-WCDUP	DUP	06/07/25 03:20	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
78	Q2226-01L	TP06-MHI-WCL	SD	06/07/25 03:24	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
79	Q2226-01MS	TP06-MHI-WCMS	MS	06/07/25 03:28	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
80	Q2226-01MSD	TP06-MHI-WCMSD	MSD	06/07/25 03:32	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
81	Q2226-01A	TP06-MHI-WCA	PS	06/07/25 03:36	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
82	CCV07	CCV07	CCV	06/07/25 03:40		Jaswal	OK
83	CCB07	CCB07	CCB	06/07/25 03:44		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/10/25 14:01		Jaswal	OK
2	S1	S1	CAL2	06/10/25 14:05		Jaswal	OK
3	S2	S2	CAL3	06/10/25 14:09		Jaswal	OK
4	S3	S3	CAL4	06/10/25 14:14		Jaswal	OK
5	S4	S4	CAL5	06/10/25 14:18		Jaswal	OK
6	S5	S5	CAL6	06/10/25 14:22		Jaswal	OK
7	ICV01	ICV01	ICV	06/10/25 14:37		Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/10/25 14:41		Jaswal	OK
9	ICB01	ICB01	ICB	06/10/25 14:45		Jaswal	OK
10	CRI01	CRI01	CRDL	06/10/25 14:50		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/10/25 14:54		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/10/25 15:18		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/10/25 15:22		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/10/25 15:26		Jaswal	OK
15	CCV01	CCV01	CCV	06/10/25 15:30		Jaswal	OK
16	CCB01	CCB01	CCB	06/10/25 15:35		Jaswal	OK
17	Q2242-04	TP09-MHJ	SAM	06/10/25 15:39		Jaswal	OK
18	Q2242-04DUP	TP09-MHJDUP	DUP	06/10/25 15:43		Jaswal	OK

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Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

19	Q2242-04L	TP09-MHJL	SD	06/10/25 15:48		Jaswal	OK
20	Q2242-04MS	TP09-MHJMS	MS	06/10/25 15:52		Jaswal	OK
21	Q2242-04MSD	TP09-MHJMSD	MSD	06/10/25 15:56		Jaswal	OK
22	Q2242-04A	TP09-MHJA	PS	06/10/25 16:00	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
23	Q2197-01	DSN002	SAM	06/10/25 16:05		Jaswal	OK
24	Q2197-03	DSN001	SAM	06/10/25 16:15		Jaswal	OK
25	Q2197-05	DSN003	SAM	06/10/25 16:19		Jaswal	OK
26	Q2210-01	TW1	SAM	06/10/25 16:23		Jaswal	OK
27	CCV02	CCV02	CCV	06/10/25 16:28		Jaswal	OK
28	CCB02	CCB02	CCB	06/10/25 16:32		Jaswal	OK
29	Q2243-01	WATER-TREATMENT	SAM	06/10/25 16:37		Jaswal	OK
30	Q2241-01	TP-N	SAM	06/10/25 16:41		Jaswal	OK
31	Q2241-05	TP-S	SAM	06/10/25 16:45		Jaswal	OK
32	Q2248-01	TR-05-060525	SAM	06/10/25 16:49		Jaswal	OK
33	Q2197-05DUP	DSN003DUP	DUP	06/10/25 16:53		Jaswal	OK
34	Q2197-05L	DSN003L	SD	06/10/25 16:58		Jaswal	OK
35	Q2197-05MS	DSN003MS	MS	06/10/25 17:02		Jaswal	OK
36	Q2197-05MSD	DSN003MSD	MSD	06/10/25 17:06		Jaswal	OK
37	Q2197-05A	DSN003A	PS	06/10/25 17:28	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

38	Q2137-05	MOO-25-0151	SAM	06/10/25 17:32		Jaswal	OK
39	CCV03	CCV03	CCV	06/10/25 17:36		Jaswal	OK
40	CCB03	CCB03	CCB	06/10/25 17:40		Jaswal	OK
41	Q2240-01	TP-3	SAM	06/10/25 17:45		Jaswal	OK
42	Q2240-05	TP-2	SAM	06/10/25 17:49		Jaswal	OK
43	Q2240-09	TP-1	SAM	06/10/25 17:53		Jaswal	OK
44	Q2244-01	TP03-MHC	SAM	06/10/25 17:58		Jaswal	OK
45	Q2242-01	TP09-MHJ	SAM	06/10/25 18:02		Jaswal	OK
46	Q2238-01DUP	0528DUP	DUP	06/10/25 18:06	RPD fail for more than 50% parameter	Jaswal	Not Ok
47	Q2238-01L	0528L	SD	06/10/25 18:11	RPD fail for more than 50% parameter	Jaswal	Not Ok
48	Q2238-01MS	0528MS	MS	06/10/25 18:15	RPD fail for more than 50% parameter	Jaswal	Not Ok
49	Q2238-01MSD	0528MSD	MSD	06/10/25 18:19	RPD fail for more than 50% parameter	Jaswal	Not Ok
50	Q2238-01A	0528A	PS	06/10/25 18:23	RPD fail for more than 50% parameter	Jaswal	Not Ok
51	CCV04	CCV04	CCV	06/10/25 18:28		Jaswal	OK
52	CCB04	CCB04	CCB	06/10/25 18:32		Jaswal	OK
53	PB168309BL	PB168309BL	MB	06/10/25 18:36		Jaswal	OK
54	PB168309BS	PB168309BS	LCS	06/10/25 18:40		Jaswal	OK
55	PB168284BL	PB168284BL	MB	06/10/25 18:44		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136097

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ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

56	PB168284BS	PB168284BS	LCS	06/10/25 18:49		Jaswal	OK
57	PB168310BL	PB168310BL	MB	06/10/25 18:53		Jaswal	OK
58	PB168310BS	PB168310BS	LCS	06/10/25 18:57		Jaswal	OK
59	Q2246-01	BU-03-060525	SAM	06/10/25 19:01		Jaswal	OK
60	Q2259-03	OU4-PCS-TC-37-060	SAM	06/10/25 19:05		Jaswal	OK
61	Q2259-05	OU4-TS-29-060525	SAM	06/10/25 19:10		Jaswal	OK
62	Q2259-06	OU4-TS-30-060525	SAM	06/10/25 19:14		Jaswal	OK
63	CCV05	CCV05	CCV	06/10/25 19:18		Jaswal	OK
64	CCB05	CCB05	CCB	06/10/25 19:22		Jaswal	OK
65	Q2265-01	TP11-MHL-WC	SAM	06/10/25 19:27		Jaswal	OK
66	Q2266-01	WC-3	SAM	06/10/25 19:31		Jaswal	OK
67	Q2266-05	WC-5	SAM	06/10/25 19:35		Jaswal	OK
68	Q2260-01	TP10-MHG-WC	SAM	06/10/25 19:39		Jaswal	OK
69	Q2260-01DUP	TP10-MHG-WCDUP	DUP	06/10/25 19:44		Jaswal	OK
70	Q2260-01L	TP10-MHG-WCL	SD	06/10/25 19:48		Jaswal	OK
71	Q2260-01MS	TP10-MHG-WCMS	MS	06/10/25 19:52		Jaswal	OK
72	Q2260-01MSD	TP10-MHG-WCMSD	MSD	06/10/25 19:57		Jaswal	OK
73	Q2260-01A	TP10-MHG-WCA	PS	06/10/25 20:01	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
74	PB168353BL	PB168353BL	MB	06/10/25 20:05		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136097

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Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM

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ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

75	CCV06	CCV06	CCV	06/10/25 20:09		Jaswal	OK
76	CCB06	CCB06	CCB	06/10/25 20:14		Jaswal	OK
77	PB168353BS	PB168353BS	LCS	06/10/25 20:22		Jaswal	OK
78	Q2259-01	OU4-PCS-TC-36-060	SAM	06/10/25 20:26		Jaswal	OK
79	Q2238-01	0528	SAM	06/10/25 20:30	RPD fail for more than 50% parameter	Jaswal	Not Ok
80	PB168245BL	PB168245BL	MB	06/10/25 20:35		Jaswal	OK
81	PB168245BS	PB168245BS	LCS	06/10/25 20:39		Jaswal	OK
82	Q2176-01	TP-46	SAM	06/10/25 20:43		Jaswal	OK
83	Q2176-02	TP-56	SAM	06/10/25 20:47		Jaswal	OK
84	Q2176-03	TP-25	SAM	06/10/25 20:51		Jaswal	OK
85	Q2176-04	TP-26	SAM	06/10/25 20:55		Jaswal	OK
86	Q2176-05	TP-28	SAM	06/10/25 21:00		Jaswal	OK
87	CCV07	CCV07	CCV	06/10/25 21:04		Jaswal	OK
88	CCB07	CCB07	CCB	06/10/25 21:08		Jaswal	OK
89	Q2176-06	TP-27	SAM	06/10/25 21:12		Jaswal	OK
90	Q2176-07	TP-31	SAM	06/10/25 21:16		Jaswal	OK
91	Q2176-08	TP-65	SAM	06/10/25 21:32		Jaswal	OK
92	Q2177-02	B-187-SB01	SAM	06/10/25 21:36		Jaswal	OK
93	Q2177-04	B-187-SB02	SAM	06/10/25 21:40		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB136097

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ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

94	Q2177-04DUP	B-187-SB02DUP	DUP	06/10/25 21:44		Jaswal	OK
95	Q2177-04L	B-187-SB02L	SD	06/10/25 21:48		Jaswal	OK
96	Q2177-04MS	B-187-SB02MS	MS	06/10/25 21:52		Jaswal	OK
97	Q2177-04MSD	B-187-SB02MSD	MSD	06/10/25 21:56		Jaswal	OK
98	Q2177-04A	B-187-SB02A	PS	06/10/25 22:00	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
99	CCV08	CCV08	CCV	06/10/25 22:04		Jaswal	OK
100	CCB08	CCB08	CCB	06/10/25 22:08		Jaswal	OK
101	Q2177-06	B-202-SB01	SAM	06/10/25 22:13		Jaswal	OK
102	PB168359BL	PB168359BL	MB	06/10/25 22:17		Jaswal	OK
103	PB168359BS	PB168359BS	LCS	06/10/25 22:21		Jaswal	OK
104	Q2244-04	TP03-MHC	SAM	06/10/25 22:25		Jaswal	OK
105	Q2260-04	TP10-MHG-WC	SAM	06/10/25 22:30		Jaswal	OK
106	Q2262-02	ARS20-0032	SAM	06/10/25 22:34		Jaswal	OK
107	Q2262-04	ARS20-0001	SAM	06/10/25 22:39		Jaswal	OK
108	Q2265-04	TP11-MHL-WC	SAM	06/10/25 22:43		Jaswal	OK
109	Q2266-04	WC-3	SAM	06/10/25 22:48		Jaswal	OK
110	Q2266-08	WC-5	SAM	06/10/25 22:52		Jaswal	OK
111	CCV09	CCV09	CCV	06/10/25 22:56		Jaswal	OK
112	CCB09	CCB09	CCB	06/10/25 23:01		Jaswal	OK

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ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

113	Q2266-08DUP	WC-5DUP	DUP	06/10/25 23:05		Jaswal	OK
114	Q2266-08L	WC-5L	SD	06/10/25 23:09		Jaswal	OK
115	Q2266-08MS	WC-5MS	MS	06/10/25 23:14		Jaswal	OK
116	Q2266-08MSD	WC-5MSD	MSD	06/10/25 23:18		Jaswal	OK
117	Q2266-08A	WC-5A	PS	06/10/25 23:32	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
118	PB168333TB	PB168333TB	MB	06/10/25 23:36		Jaswal	OK
119	PB168384BL	PB168384BL	MB	06/10/25 23:41		Jaswal	OK
120	PB168384BS	PB168384BS	LCS	06/10/25 23:45		Jaswal	OK
121	Q2253-01	RW8-SP100-2025060	SAM	06/10/25 23:49		Jaswal	OK
122	Q2253-02	RW8-SP303-2025060	SAM	06/10/25 23:53		Jaswal	OK
123	CCV10	CCV10	CCV	06/10/25 23:57		Jaswal	OK
124	CCB10	CCB10	CCB	06/11/25 00:02		Jaswal	OK
125	Q2253-02DUP	RW8-SP303-2025060	DUP	06/11/25 00:06		Jaswal	OK
126	Q2253-02L	RW8-SP303-2025060	SD	06/11/25 00:10		Jaswal	OK
127	Q2253-02MS	RW8-SP303-2025060	MS	06/11/25 00:15		Jaswal	OK
128	Q2253-02MSD	RW8-SP303-2025060	MSD	06/11/25 00:19		Jaswal	OK
129	Q2253-02A	RW8-SP303-2025060	PS	06/11/25 01:01	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
130	PB168385BL	PB168385BL	MB	06/11/25 01:05		Jaswal	OK
131	PB168385BS	PB168385BS	LCS	06/11/25 01:09		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136097

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ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

132	Q2271-01	TP12-MHK-WC	SAM	06/11/25 01:13		Jaswal	OK
133	Q2272-01	TP-6	SAM	06/11/25 01:17		Jaswal	OK
134	Q2273-01	WC-4	SAM	06/11/25 01:21		Jaswal	OK
135	CCV11	CCV11	CCV	06/11/25 01:35		Jaswal	OK
136	CCB11	CCB11	CCB	06/11/25 01:39		Jaswal	OK
137	Q2273-05	WC-6	SAM	06/11/25 01:44		Jaswal	OK
138	Q2274-01	TP-13-MHP-WC	SAM	06/11/25 01:48		Jaswal	OK
139	Q2274-01DUP	TP-13-MHP-WCDUP	DUP	06/11/25 01:52		Jaswal	OK
140	Q2274-01L	TP-13-MHP-WCL	SD	06/11/25 01:56		Jaswal	OK
141	Q2274-01MS	TP-13-MHP-WCMS	MS	06/11/25 02:01		Jaswal	OK
142	Q2274-01MSD	TP-13-MHP-WCMSD	MSD	06/11/25 02:05		Jaswal	OK
143	Q2274-01A	TP-13-MHP-WCA	PS	06/11/25 02:09	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
144	CCV12	CCV12	CCV	06/11/25 02:21		Jaswal	OK
145	CCB12	CCB12	CCB	06/11/25 02:25		Jaswal	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168284

SOP ID : M3010A-Digestion-17

SB 06/10/25

SDG No : N/A

Start Digest Date: 06/05/2025 **Time :** ~~12:35~~ 13:35 **Temp :** 96 °C

Matrix : WATER

End Digest Date: 06/05/2025 **Time :** 15:40 **Temp :** 96 °C

Pippete ID: ICP A

Digestion tube ID: M5595

Balance ID : N/A

Block thermometer ID: MET-DIG. #1

Filter paper ID : N/A

Dig Technician Signature: SDS

pH Strip ID : M6069

Supervisor Signature:

Hood ID : #3

Temp : **1.** 96°C **2.** N/A

Block ID: **1.** HOT BLOCK #1 **2.** N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6007
LFS-2	0.25	M6016
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6158
1:1 HCL	5.00	MP85156
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:

HOT BLOCK#1 CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/05/25 16:40	SDS met. dig	Metals Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB168284BL	PBW284	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB168284BS	LCS284	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6016	2
Q2197-01	DSN002	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q2197-03	DSN001	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q2197-05	DSN003	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	5
Q2197-05MS	DSN003MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6016	7
Q2197-05MSD	DSN003MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6016	8
Q2197-05DUP	DSN003DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	6
Q2210-01	TW1	<2	50	25	Brown	light Brown	Clear	Clear	N/A	9
Q2218-03	3309	<2	50	50	Brown	Light Brown	Clear	Clear	N/A	10
Q2237-02	TW-WTS-10	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	11
Q2243-01	WATER-TREATMENT-DISCHARGE	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	12

SAMPLE DATA

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

Report of Analysis

Client:	VERINA CONSULTING GROUP, LLC	Date Collected:	06/05/25 11:10
Project:	Rotor Clip NJ WTD - 2025	Date Received:	06/05/25
Client Sample ID:	WATER-TREATMENT-DISCHARGE	SDG No.:	Q2243
Lab Sample ID:	Q2243-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	1.30		1	0.030	0.10	mg/L	06/05/25 13:50	06/06/25 11:37	SM 4500-NH3 B plus G-11
BOD5	47.1		1	0.20	2.00	mg/L		06/05/25 15:30	SM 5210 B-16
COD	112		1	1.50	10.0	mg/L		06/09/25 13:37	SM 5220 D-11
Residual Chlorine	0.078	HJ	1	0.023	0.10	mg/L		06/05/25 15:13	SM 4500-Cl G-11
TSS	9.50		1	1.00	4.00	mg/L		06/09/25 13:00	SM 2540 D-15

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	VERINA CONSULTING GROUP, LLC	Date Collected:	06/05/25 11:00
Project:	Rotor Clip NJ WTD - 2025	Date Received:	06/05/25
Client Sample ID:	WATER-TREATMENT-DISCHARGE	SDG No.:	Q2243
Lab Sample ID:	Q2243-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.0046	J	1	0.00096	0.0050	mg/L	06/09/25 10:00	06/09/25 13:03	9012B
Oil and Grease	3.90	J	1	0.29	5.00	mg/L		06/09/25 13:00	1664A

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
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OR = Over Range
N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

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

Initial and Continuing Calibration Verification

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	Q2243
Project:	Rotor Clip NJ WTD - 2025	**RunNo.:**	LB136022

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Residual Chlorine	mg/L	0.424	0.4	106	90-110	06/05/2025
Sample ID: CCV1						
Residual Chlorine	mg/L	0.373	0.4	93	90-110	06/05/2025
Sample ID: CCV2						
Residual Chlorine	mg/L	0.383	0.4	96	90-110	06/05/2025

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Initial and Continuing Calibration Verification

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Project: Rotor Clip NJ WTD - 2025 **RunNo.:** LB136039

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
Ammonia as N		mg/L	1.1	1	110	90-110	06/06/2025
Sample ID:	CCV1						
Ammonia as N		mg/L	1	1	100	90-110	06/06/2025
Sample ID:	CCV2						
Ammonia as N		mg/L	1.1	1	110	90-110	06/06/2025
Sample ID:	CCV3						
Ammonia as N		mg/L	1.1	1	110	90-110	06/06/2025
Sample ID:	CCV4						
Ammonia as N		mg/L	1.1	1	110	90-110	06/06/2025
Sample ID:	CCV5						
Ammonia as N		mg/L	1	1	100	90-110	06/06/2025

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Initial and Continuing Calibration Verification

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	Q2243
Project:	Rotor Clip NJ WTD - 2025	**RunNo.:**	LB136063

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV1**						
Cyanide		mg/L	0.095	0.099	96	90-110	06/09/2025
Sample ID:	**CCV1**						
Cyanide		mg/L	0.24	0.25	96	90-110	06/09/2025
Sample ID:	**CCV2**						
Cyanide		mg/L	0.23	0.25	92	90-110	06/09/2025
Sample ID:	**CCV3**						
Cyanide		mg/L	0.24	0.25	96	90-110	06/09/2025

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Initial and Continuing Calibration Verification

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	Q2243
Project:	Rotor Clip NJ WTD - 2025	**RunNo.:**	LB136064

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV**						
COD		mg/L	50.962	50	102	95-105	05/28/2025
Sample ID:	**CCV1**						
COD		mg/L	47.915	50	96	95-105	06/09/2025
Sample ID:	**CCV2**						
COD		mg/L	48.931	50	98	95-105	06/09/2025
Sample ID:	**CCV3**						
COD		mg/L	49.946	50	100	95-105	06/09/2025

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Initial and Continuing Calibration Blank Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	Q2243
Project:	Rotor Clip NJ WTD - 2025	**RunNo.:**	LB136022

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB							
Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	06/05/2025
Sample ID: CCB1							
Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	06/05/2025
Sample ID: CCB2							
Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	06/05/2025

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Initial and Continuing Calibration Blank Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	Q2243
Project:	Rotor Clip NJ WTD - 2025	**RunNo.:**	LB136039

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Ammonia as N	mg/L	0.04	0.0500	J	0.030	0.1	06/06/2025
Sample ID: CCB1							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	06/06/2025
Sample ID: CCB2							
Ammonia as N	mg/L	0.04	0.0500	J	0.030	0.1	06/06/2025
Sample ID: CCB3							
Ammonia as N	mg/L	0.045	0.0500	J	0.030	0.1	06/06/2025
Sample ID: CCB4							
Ammonia as N	mg/L	0.037	0.0500	J	0.030	0.1	06/06/2025
Sample ID: CCB5							
Ammonia as N	mg/L	0.034	0.0500	J	0.030	0.1	06/06/2025

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Initial and Continuing Calibration Blank Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	Q2243
Project:	Rotor Clip NJ WTD - 2025	**RunNo.:**	LB136063

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	06/09/2025
Sample ID:	CCB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	06/09/2025
Sample ID:	CCB2							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	06/09/2025
Sample ID:	CCB3							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00096	0.005	06/09/2025

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Initial and Continuing Calibration Blank Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	Q2243
Project:	Rotor Clip NJ WTD - 2025	**RunNo.:**	LB136064

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB							
COD		mg/L	< 5.0000	5.0000	U	1.50	10	05/28/2025
Sample ID:	CCB1							
COD		mg/L	< 5.0000	5.0000	U	1.50	10	06/09/2025
Sample ID:	CCB2							
COD		mg/L	< 5.0000	5.0000	U	1.50	10	06/09/2025
Sample ID:	CCB3							
COD		mg/L	< 5.0000	5.0000	U	1.50	10	06/09/2025

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Preparation Blank Summary

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q2243

Project: Rotor Clip NJ WTD - 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB136022BL							
Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	06/05/2025
Sample ID: LB136028BL							
BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	06/05/2025
Sample ID: LB136054BL							
TSS	mg/L	1	2.0000	J	1	4	06/09/2025
Sample ID: LB136056BL							
Oil and Grease	mg/L	< 2.5000	2.5000	U	0.29	5.0	06/09/2025
Sample ID: LB136064BL							
COD	mg/L	< 5.0000	5.0000	U	1.5	10.0	06/09/2025
Sample ID: PB168326BL							
Ammonia as N	mg/L	0.03	0.0500	J	0.03	0.1	06/06/2025
Sample ID: PB168347BL							
Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	06/09/2025

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Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2191-01
Client ID: EFFLUENTMS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	90.8		70.8		20.0	1	100		06/09/2025

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Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2191-01
Client ID: EFFLUENTMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	90.9		70.8		20.0	1	101		06/09/2025

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Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2197-01
Client ID: DSN002MS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
COD	mg/L	75-125	79.4		36.7		50.0	1	85		06/09/2025

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Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2197-01
Client ID: DSN002MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
COD	mg/L	75-125	80.4		36.7		50.0	1	87		06/09/2025

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Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2203-01
Client ID: 001-WILLETS-PT-BLVD(JUNE)MS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/L	75-125	6.70	OR	5.50	OR	1	1	120		06/06/2025

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Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2203-01
Client ID: 001-WILLETS-PT-BLVD(JUNE)MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/L	75-125	6.50	OR	5.50	OR	1	1	100		06/06/2025

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Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2243-01
Client ID: WATER-TREATMENT-DISCHARGEMS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Residual Chlorine	mg/L	71-148	0.46		0.078	J	0.4	1	96		06/05/2025

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Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2243-01
Client ID: WATER-TREATMENT-DISCHARGEMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Residual Chlorine	mg/L	71-148	0.47		0.078	J	0.4	1	99		06/05/2025

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Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2243-02
Client ID: WATER-TREATMENT-DISCHARGEMS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	0.040		0.0046	J	0.04	1	89		06/09/2025

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Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2243-02
Client ID: WATER-TREATMENT-DISCHARGEMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	0.039		0.0046	J	0.04	1	86		06/09/2025

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Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2243-02
Client ID: WATER-TREATMENT-DISCHARGEMS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	23.9		3.90	J	20.0	1	100		06/09/2025

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Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2243-02
Client ID: WATER-TREATMENT-DISCHARGEMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	24.3		3.90	J	20.0	1	102		06/09/2025

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Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2191-01
Client ID: EFFLUENTMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Oil and Grease	mg/L	+/-18	90.8		90.9		1	0.11		06/09/2025

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Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2197-01
Client ID: DSN002DUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
COD	mg/L	+/-20	36.7		34.7		1	5.6		06/09/2025

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Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2197-01
Client ID: DSN002MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
COD	mg/L	+/-20	79.4		80.4		1	1.25		06/09/2025

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Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2203-01
Client ID: 001-WILLETS-PT-BLVD(JUNE)DUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ammonia as N	mg/L	+/-20	5.50	OR	5.40	OR	1	2		06/06/2025
Ammonia as N	mg/L	+/-20	5.30	D	5.30	D	5	0		06/06/2025

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Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2203-01
Client ID: 001-WILLETS-PT-BLVD(JUNE)MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ammonia as N	mg/L	+/-20	6.70	OR	6.50	OR	1	3		06/06/2025

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Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2229-02
Client ID: COMPDUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
BOD5	mg/L	+/-20	444		424		1	4.61		06/05/2025
TSS	mg/L	+/-5	121		121		1	0		06/09/2025

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Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2243-01
Client ID: WATER-TREATMENT-DISCHARGEDUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Residual Chlorine	mg/L	+/-20	0.078	J	0.088	J	1	12.05		06/05/2025

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Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2243-01
Client ID: WATER-TREATMENT-DISCHARGEMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Residual Chlorine	mg/L	+/-20	0.46		0.47		1	2.13		06/05/2025

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Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2243-02
Client ID: WATER-TREATMENT-DISCHARGEDUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/L	+/-20	0.0046	J	0.0044	J	1	4		06/09/2025

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Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2243-02
Client ID: WATER-TREATMENT-DISCHARGEMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/L	+/-20	0.040		0.039		1	3		06/09/2025

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Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: Q2243
Project: Rotor Clip NJ WTD - 2025
Sample ID: Q2243-02
Client ID: WATER-TREATMENT-DISCHARGEMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Oil and Grease	mg/L	+/-18	23.9		24.3		1	1.66		06/09/2025

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Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	Q2243
Project:	Rotor Clip NJ WTD - 2025	**Run No.:**	LB136022

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB136022BS								
Residual Chlorine	**mg/L**	**0.4**	**0.41**		**103**	**1**	**90-110**	**06/05/2025**

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Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	Q2243
Project:	Rotor Clip NJ WTD - 2025	**Run No.:**	LB136028

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB136028BS								
BOD5	mg/L	198	210		106	1	84.6-115.4	06/05/2025

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Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	Q2243
Project:	Rotor Clip NJ WTD - 2025	**Run No.:**	LB136054

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB136054BS								
TSS	mg/L	550	533		97	1	90-110	06/09/2025

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Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	Q2243
Project:	Rotor Clip NJ WTD - 2025	**Run No.:**	LB136056

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB136056BS								
Oil and Grease	mg/L	20.0	16.9		84	1	78-114	06/09/2025

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Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	Q2243
Project:	Rotor Clip NJ WTD - 2025	**Run No.:**	LB136064

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB136064BS								
COD	mg/L	50	52.0		104	1	90-110	06/09/2025

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Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	Q2243
Project:	Rotor Clip NJ WTD - 2025	**Run No.:**	LB136039

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB168326BS								
Ammonia as N	mg/L	1	1.10		110	1	90-110	06/06/2025

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Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	Q2243
Project:	Rotor Clip NJ WTD - 2025	**Run No.:**	LB136063

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID **PB168347BS**								
Cyanide	mg/L	0.1	0.096		96	1	85-115	06/09/2025

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Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136022

Review By	Iwona	Review On	6/5/2025 4:17:07 PM
Supervise By	jignesh	Supervise On	6/5/2025 4:24:33 PM
SubDirectory	LB136022	Test	Residual Chlorine

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	WP113402,WP113401,WP113396,WP113397,WP113399,WP113395,WP113400,WP113403,WP113398,W3147

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	06/05/25 14:30		Iwona	OK
2	CAL2	CAL2	CAL	06/05/25 14:33		Iwona	OK
3	CAL3	CAL3	CAL	06/05/25 14:36		Iwona	OK
4	CAL4	CAL4	CAL	06/05/25 14:39		Iwona	OK
5	CAL5	CAL5	CAL	06/05/25 14:42		Iwona	OK
6	CAL6	CAL6	CAL	06/05/25 14:45		Iwona	OK
7	ICV	ICV	ICV	06/05/25 14:48		Iwona	OK
8	ICB	ICB	ICB	06/05/25 14:51		Iwona	OK
9	CCV1	CCV1	CCV	06/05/25 14:54		Iwona	OK
10	CCB1	CCB1	CCB	06/05/25 14:57		Iwona	OK
11	LB136022BL	LB136022BL	MB	06/05/25 15:00		Iwona	OK
12	LB136022BS	LB136022BS	LCS	06/05/25 15:03		Iwona	OK
13	Q2126-07	LOD-MDL-WATER-01	SAM	06/05/25 15:07		Iwona	OK
14	Q2126-08	LOQ-WATER-02-QT2	SAM	06/05/25 15:10		Iwona	OK
15	Q2243-01	WATER-TREATMENT	SAM	06/05/25 15:13		Iwona	OK
16	Q2243-01DUP	WATER-TREATMENT	DUP	06/05/25 15:16		Iwona	OK
17	Q2243-01MS	WATER-TREATMENT	MS	06/05/25 15:19		Iwona	OK
18	Q2243-01MSD	WATER-TREATMENT	MSD	06/05/25 15:22		Iwona	OK

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Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136022

Review By	Iwona	Review On	6/5/2025 4:17:07 PM
Supervise By	jignesh	Supervise On	6/5/2025 4:24:33 PM
SubDirectory	LB136022	Test	Residual Chlorine

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	WP113402,WP113401,WP113396,WP113397,WP113399,WP113395,WP113400,WP113403,WP113398,W3147

19	CCV2	CCV2	CCV	06/05/25 15:25		Iwona	OK
20	CCB2	CCB2	CCB	06/05/25 15:28		Iwona	OK

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Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QCBatch ID # LB136028

Review By	rubina	Review On	6/10/2025 3:57:24 PM
Supervise By	Iwona	Supervise On	6/10/2025 3:57:35 PM
SubDirectory	LB136028	Test	BOD5

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP113406,W3149,WP112832,W3103,W3109,W3105,WP113408,WP113407,WP111323

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB136028BL	LB136028BL	MB	06/05/25 15:30		rubina	OK
2	LB136028BS	LB136028BS	LCS	06/05/25 15:30		rubina	OK
3	Q2229-02	COMP	SAM	06/05/25 15:30		rubina	OK
4	Q2229-02DUP	COMPDUP	DUP	06/05/25 15:30		rubina	OK
5	Q2237-02	TW-WTS-10	SAM	06/05/25 15:30		rubina	OK
6	Q2243-01	WATER-TREATMENT	SAM	06/05/25 15:30		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB136039

Review By	rubina	Review On	6/6/2025 1:49:03 PM
Supervise By	Iwona	Supervise On	6/6/2025 1:50:40 PM
SubDirectory	LB136039	Test	Ammonia

STD. NAME	STD REF.#
ICAL Standard	WP113425
ICV Standard	WP113427
CCV Standard	WP113426
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP112987
Chk Standard	WP113429,WP111745,WP111385,WP111660,WP113415,WP113428

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	06/06/25 09:55		rubina	OK
2	0.1PPM	0.1PPM	CAL2	06/06/25 09:55		rubina	OK
3	0.2PPM	0.2PPM	CAL3	06/06/25 09:55		rubina	OK
4	0.4PPM	0.4PPM	CAL4	06/06/25 09:55		rubina	OK
5	1.0PPM	1.0PPM	CAL5	06/06/25 09:55		rubina	OK
6	1.3PPM	1.3PPM	CAL6	06/06/25 09:55		rubina	OK
7	2.0PPM	2.0PPM	CAL7	06/06/25 09:56		rubina	OK
8	ICV1	ICV1	ICV	06/06/25 11:16		rubina	OK
9	ICB1	ICB1	ICB	06/06/25 11:16		rubina	OK
10	CCV1	CCV1	CCV	06/06/25 11:16		rubina	OK
11	CCB1	CCB1	CCB	06/06/25 11:16		rubina	OK
12	RL	RL	SAM	06/06/25 11:16		rubina	OK
13	PB168326BL	PB168326BL	MB	06/06/25 11:16		rubina	OK
14	PB168326BS	PB168326BS	LCS	06/06/25 11:26		rubina	OK
15	Q2126-07	LOD-MDL-WATER-01	SAM	06/06/25 11:26		rubina	OK
16	Q2126-08	LOQ-WATER-02-QT2	LOQ	06/06/25 11:27		rubina	OK
17	Q2191-01	EFFLUENT	SAM	06/06/25 11:27	High	rubina	Dilution
18	Q2191-04	AERATION-1	SAM	06/06/25 11:27	High	rubina	Dilution

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB136039

Review By	rubina	Review On	6/6/2025 1:49:03 PM
Supervise By	Iwona	Supervise On	6/6/2025 1:50:40 PM
SubDirectory	LB136039	Test	Ammonia

STD. NAME	STD REF.#
ICAL Standard	WP113425
ICV Standard	WP113427
CCV Standard	WP113426
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP112987
Chk Standard	WP113429,WP111745,WP111385,WP111660,WP113415,WP113428

19	Q2203-01	001-WILLETS-PT-BL	SAM	06/06/25 11:27	High	rubina	Dilution
20	Q2203-01DUP	001-WILLETS-PT-BL	DUP	06/06/25 11:27	High	rubina	Dilution
21	Q2203-01MS	001-WILLETS-PT-BL	MS	06/06/25 11:27		rubina	OK
22	CCV2	CCV2	CCV	06/06/25 11:37		rubina	OK
23	CCB2	CCB2	CCB	06/06/25 11:37		rubina	OK
24	Q2203-01MSD	001-WILLETS-PT-BL	MSD	06/06/25 11:37		rubina	OK
25	Q2203-04	002-35TH-AVE(JUNE	SAM	06/06/25 11:37	High	rubina	Dilution
26	Q2243-01	WATER-TREATMENT	SAM	06/06/25 11:37		rubina	OK
27	RL	RL	SAM	06/06/25 11:37		rubina	OK
28	PB168328BL	PB168328BL	MB	06/06/25 11:37		rubina	OK
29	PB168328BS	PB168328BS	LCS	06/06/25 11:48		rubina	OK
30	Q2085-04	SC-1-SED-051625	SAM	06/06/25 11:48		rubina	OK
31	Q2085-04DUP	SC-1-SED-051625DU	DUP	06/06/25 11:48		rubina	OK
32	Q2085-04MS	SC-1-SED-051625MS	MS	06/06/25 11:48		rubina	OK
33	Q2085-04MSD	SC-1-SED-051625MS	MSD	06/06/25 11:48		rubina	OK
34	CCV3	CCV3	CCV	06/06/25 11:48		rubina	OK
35	CCB3	CCB3	CCB	06/06/25 11:58		rubina	OK
36	Q2126-01	LOD-MDL-SOIL-03-Q	SAM	06/06/25 11:58		rubina	OK
37	Q2126-02	LOQ-SOIL-02-QT2-20	LOQ	06/06/25 11:58		rubina	OK
38	CCV4	CCV4	CCV	06/06/25 11:58		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB136039

Review By	rubina	Review On	6/6/2025 1:49:03 PM
Supervise By	Iwona	Supervise On	6/6/2025 1:50:40 PM
SubDirectory	LB136039	Test	Ammonia

STD. NAME	STD REF.#
ICAL Standard	WP113425
ICV Standard	WP113427
CCV Standard	WP113426
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP112987
Chk Standard	WP113429,WP111745,WP111385,WP111660,WP113415,WP113428

39	CCB4	CCB4	CCB	06/06/25 11:58		rubina	OK
40	Q2191-01DL	EFFLUENTDL	SAM	06/06/25 12:25	Report 10X	rubina	Confirms
41	Q2191-04DL	AERATION-1DL	SAM	06/06/25 12:25	Report 10X	rubina	Confirms
42	Q2203-01DL	001-WILLETS-PT-BL\	SAM	06/06/25 12:25	Report 5X	rubina	Confirms
43	Q2203-01DUPDL	001-WILLETS-PT-BL\	DUP	06/06/25 12:25	Report 5X	rubina	Confirms
44	Q2203-04DL	002-35TH-AVE(JUNE	SAM	06/06/25 12:25	Report 5X	rubina	Confirms
45	CCV5	CCV5	CCV	06/06/25 12:25		rubina	OK
46	CCB5	CCB5	CCB	06/06/25 12:30		rubina	OK

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Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QCBatch ID # LB136054

Review By	jignesh	Review On	6/9/2025 11:54:33 AM
Supervise By	Iwona	Supervise On	6/9/2025 1:08:21 PM
SubDirectory	LB136054	Test	TSS

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	LB136054BL	LB136054BL	MB	06/09/25 13:00		jignesh	OK
2	LB136054BS	LB136054BS	LCS	06/09/25 13:00		jignesh	OK
3	Q2229-02	COMP	SAM	06/09/25 13:00		jignesh	OK
4	Q2229-02DUP	COMPDUP	DUP	06/09/25 13:00		jignesh	OK
5	Q2237-02	TW-WTS-10	SAM	06/09/25 13:00		jignesh	OK
6	Q2243-01	WATER-TREATMENT	SAM	06/09/25 13:00		jignesh	OK
7	Q2253-02	RW8-SP303-2025060	SAM	06/09/25 13:00		jignesh	OK
8	Q2264-04	EF-WW	SAM	06/09/25 13:00		jignesh	OK

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Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QCBatch ID # LB136056

Review By	jignesh	Review On	6/9/2025 4:32:26 PM
Supervise By	Iwona	Supervise On	6/10/2025 1:32:25 PM
SubDirectory	LB136056	Test	Oil and Grease

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	W3204,M6069,EP2620,WP112782,NA,NA,WP112783,NA,WO112784

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB136056BL	LB136056BL	MB	06/09/25 13:00		jignesh	OK
2	LB136056BS	LB136056BS	LCS	06/09/25 13:00		jignesh	OK
3	Q2191-01	EFFLUENT	SAM	06/09/25 13:00		jignesh	OK
4	Q2191-02	Q2191-01MS	MS	06/09/25 13:00		jignesh	OK
5	Q2191-03	Q2191-01MSD	MSD	06/09/25 13:00		jignesh	OK
6	Q2203-01	001-WILLETS-PT-BL	SAM	06/09/25 13:00		jignesh	OK
7	Q2203-04	002-35TH-AVE(JUNE	SAM	06/09/25 13:00		jignesh	OK
8	Q2243-02	WATER-TREATMENT	SAM	06/09/25 13:00		jignesh	OK
9	Q2243-03	Q2243-02MS	MS	06/09/25 13:00		jignesh	OK
10	Q2243-04	Q2243-02MSD	MSD	06/09/25 13:00		jignesh	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB136063

Review By	rubina	Review On	6/10/2025 10:17:15 AM
Supervise By	Iwona	Supervise On	6/10/2025 11:45:46 AM
SubDirectory	LB136063	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP113433,WP113434,WP113435,WP113436,WP113437,WP113438,WP113439
ICV Standard	W3012
CCV Standard	WP113434
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP112995
Chk Standard	WP112643,WP112900,WP113441

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	06/09/25 09:48		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	06/09/25 09:48		rubina	OK
3	10PPBCN	10PPBCN	CAL3	06/09/25 09:48		rubina	OK
4	50PPBCN	50PPBCN	CAL4	06/09/25 09:48		rubina	OK
5	100PPBCN	100PPBCN	CAL5	06/09/25 09:48		rubina	OK
6	250PPBCN	250PPBCN	CAL6	06/09/25 09:48		rubina	OK
7	500PPBCN	500PPBCN	CAL7	06/09/25 09:48		rubina	OK
8	ICV1	ICV1	ICV	06/09/25 12:55		rubina	OK
9	ICB1	ICB1	ICB	06/09/25 12:55		rubina	OK
10	CCV1	CCV1	CCV	06/09/25 12:55		rubina	OK
11	CCB1	CCB1	CCB	06/09/25 12:55		rubina	OK
12	PB168347BL	PB168347BL	MB	06/09/25 12:55		rubina	OK
13	PB168347BS	PB168347BS	LCS	06/09/25 12:55		rubina	OK
14	LOWPB168347	LOWPB168347	SAM	06/09/25 13:03		rubina	OK
15	HIGHPB168347	HIGHPB168347	SAM	06/09/25 13:03		rubina	OK
16	Q2243-02	WATER-TREATMENT	SAM	06/09/25 13:03		rubina	OK
17	Q2243-02DUP	WATER-TREATMENT	DUP	06/09/25 13:03		rubina	OK
18	Q2243-02MS	WATER-TREATMENT	MS	06/09/25 13:03		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB136063

Review By	rubina	Review On	6/10/2025 10:17:15 AM
Supervise By	Iwona	Supervise On	6/10/2025 11:45:46 AM
SubDirectory	LB136063	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP113433,WP113434,WP113435,WP113436,WP113437,WP113438,WP113439
ICV Standard	W3012
CCV Standard	WP113434
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP112995
Chk Standard	WP112643,WP112900,WP113441

19	Q2243-02MSD	WATER-TREATMENT	MSD	06/09/25 13:03		rubina	OK
20	PB168361BL	PB168361BL	MB	06/09/25 13:03		rubina	OK
21	PB168361BS	PB168361BS	LCS	06/09/25 13:10		rubina	OK
22	CCV2	CCV2	CCV	06/09/25 13:10		rubina	OK
23	CCB2	CCB2	CCB	06/09/25 13:11		rubina	OK
24	Q2259-01	OU4-PCS-TC-36-060	SAM	06/09/25 13:11		rubina	OK
25	Q2259-03	OU4-PCS-TC-37-060	SAM	06/09/25 13:11		rubina	OK
26	Q2259-05	OU4-TS-29-060525	SAM	06/09/25 13:11		rubina	OK
27	Q2259-06	OU4-TS-30-060525	SAM	06/09/25 13:11		rubina	OK
28	Q2259-06DUP	OU4-TS-30-060525D	DUP	06/09/25 13:18		rubina	OK
29	Q2259-06MS	OU4-TS-30-060525M	MS	06/09/25 13:18		rubina	OK
30	Q2259-06MSD	OU4-TS-30-060525M	MSD	06/09/25 13:18		rubina	OK
31	CCV3	CCV3	CCV	06/09/25 13:18		rubina	OK
32	CCB3	CCB3	CCB	06/09/25 13:18		rubina	OK

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Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QCBatch ID # LB136064

Review By	Iwona	Review On	6/9/2025 2:56:15 PM
Supervise By	jignesh	Supervise On	6/9/2025 3:45:57 PM
SubDirectory	LB136064	Test	COD

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP113238,WP113237,WP113235,WP113234,WP113233,WP113239,WP113240,WP113236,W3128,WP113445,WP1

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	05/28/25 13:10		Iwona	OK
2	CAL2	CAL2	CAL	05/28/25 13:10		Iwona	OK
3	CAL3	CAL3	CAL	05/28/25 13:11		Iwona	OK
4	CAL4	CAL4	CAL	05/28/25 13:11		Iwona	OK
5	CAL5	CAL5	CAL	05/28/25 13:12		Iwona	OK
6	CAL6	CAL6	CAL	05/28/25 13:12		Iwona	OK
7	ICV	ICV	ICV	05/28/25 13:13		Iwona	OK
8	ICB	ICB	ICB	05/28/25 13:13		Iwona	OK
9	CCV1	CCV1	CCV	06/09/25 13:30		Iwona	OK
10	CCB1	CCB1	CCB	06/09/25 13:30		Iwona	OK
11	RL Check	RL Check	SAM	06/09/25 13:31		Iwona	OK
12	LB136064BL	LB136064BL	MB	06/09/25 13:31		Iwona	OK
13	LB136064BS	LB136064BS	LCS	06/09/25 13:32		Iwona	OK
14	Q2126-09	MDL-WATER-03-QT2	SAM	06/09/25 13:32		Iwona	OK
15	Q2197-01	DSN002	SAM	06/09/25 13:33		Iwona	OK
16	Q2197-01DUP	DSN002DUP	DUP	06/09/25 13:33		Iwona	OK
17	Q2197-01MS	DSN002MS	MS	06/09/25 13:34		Iwona	OK
18	Q2197-01MSD	DSN002MSD	MSD	06/09/25 13:34		Iwona	OK

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Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QCBatch ID # LB136064

Review By	Iwona	Review On	6/9/2025 2:56:15 PM
Supervise By	jignesh	Supervise On	6/9/2025 3:45:57 PM
SubDirectory	LB136064	Test	COD

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP113238,WP113237,WP113235,WP113234,WP113233,WP113239,WP113240,WP113236,W3128,WP113445,WP1

19	Q2197-03	DSN001	SAM	06/09/25 13:35		Iwona	OK
20	Q2197-04	DSN001	SAM	06/09/25 13:35		Iwona	OK
21	Q2197-05	DSN003	SAM	06/09/25 13:36		Iwona	OK
22	CCV2	CCV2	CCV	06/09/25 13:36		Iwona	OK
23	CCB2	CCB2	CCB	06/09/25 13:37		Iwona	OK
24	Q2243-01	WATER-TREATMENT	SAM	06/09/25 13:37		Iwona	OK
25	CCV3	CCV3	CCV	06/09/25 13:38		Iwona	OK
26	CCB3	CCB3	CCB	06/09/25 13:38		Iwona	OK

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LAB CHRONICLE

OrderID:	Q2243	**OrderDate:**	6/5/2025 12:47:00 PM
Client:	VERINA CONSULTING GROUP, LLC	**Project:**	Rotor Clip NJ WTD - 2025
Contact:	Michael Valenzi	**Location:**	N41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2243-01	**WATER-TREATMENT-DISCHARGE**	**WATER**			**06/05/25 11:10**			**06/05/25**
			Ammonia	SM4500-NH3		06/05/25	06/06/25 11:37	
			BOD5	SM5210 B			06/05/25 15:30	
			COD	SM5220 D			06/09/25 13:37	
			Residual Chlorine	SM4500 Cl G			06/05/25 15:13	
			TSS	SM2540 D			06/09/25 13:00	
Q2243-02	**WATER-TREATMENT-DISCHARGE**	**WATER**			**06/05/25 11:00**			**06/05/25**
			Cyanide	9012B		06/09/25	06/09/25 13:03	
			Oil and Grease	1664A			06/09/25 13:00	

Alliance TECHNICAL GROUP

Water Ammonia Preparation Sheet

PB168326

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

SDG No : N/A

Matrix : WATER

Pippete ID : WC

Balance ID : N/A

Hood ID : HOOD#2

Block ID : WC-DIST-BLOCK-1

Weigh By : N/A

Start Digest Date: 06/05/2025 **Time :** 13:50 **Temp :** 150 °C

End Digest Date: 06/05/2025 **Time :** 14:50 **Temp :** 160 °C

Il b etch 06/05/2025 15:15 150 c
06/05/2025 16:15 150 c

Digestion tube ID : M5595

Filter paper ID : N/A

pH Meter ID : N/A

Block Thermometer ID : WC CYANIDE

Prep Technician Signature: RM

Supervisor Signature: 12

Standared Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP112987
MS/MSD SPIKE SOL.	1.0ML	WP112986
PBW	50.0ML	W3112
RL CHECK	0.1ML	WP112986
LOD	0.8ML	WP113415

Chemical Used	ML/SAMPLE USED	Lot Number
BORATE BUFFER	2.5ML	WP111325
NAOH 6N	1.0ML-5.0ML	WP111318
H2SO4 0.04N	5.0ML	WP112828
pH strip-Ammonia	N/A	W3133
KI-starch paper	N/A	W3155
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
WP111604.LOQ WP113415 1.0ML.Due to bad matrix and client history 1ML was taken as an initial volume for S2101-01704 RM

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/05/2025 16:30	RM (WC)	RM (WC)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Ammonia Preparation Sheet

PB168326

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB168326BL	PBW326	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB168326BS	LCS326	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2126-07	LOD-MDL-WATER-01-QT2-2025	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2126-08	LOQ-WATER-02-QT2-2025	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2191-01	EFFLUENT	1	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2191-04	AERATION-1	1	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2203-01	001-WILLETS-PT-BLVD(JUNE)	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2203-01DUP	001-WILLETS-PT-BLVD(JUNE) DUP	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2203-01MS	001-WILLETS-PT-BLVD(JUNE) MS	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2203-01MSD	001-WILLETS-PT-BLVD(JUNE) MSD	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2203-04	002-35TH-AVE(JUNE)	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2243-01	WATER-TREATMENT-DISCHARGE	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A

Alliance TECHNICAL GROUP

Water Cyanide Preparation Sheet

PB168347

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-20

SDG No : N/A

Start Digest Date: 06/09/2025 **Time :** 10:00 **Temp :** 123 °C

Matrix : WATER

End Digest Date: 06/09/2025 **Time :** 11:30 **Temp :** 126 °C

Pippete ID : WC

Balance ID : N/A

Hood ID : HOOD#1 **Digestion tube ID :** M5595 **Block Thermometer ID :** WC CYANIDE

Block ID : MC-1,MC-2 **Filter paper ID :** N/A **Prep Technician Signature:** JP

Weigh By : N/A **pH Meter ID :** N/A **Supervisor Signature:** JP

Standared Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP112995
MS/MSD SPIKE SOL.	1.0ML	WP113319
PBW	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP111294
50% v/v H2SO4	5.0ML	WP112826
51% w/v MgCL2	2.0ML	WP112827
pH Paper 0-14	N/A	W3140
Nitrate/Nitrite Strip	N/A	W3101
Lead Acetate strip	N/A	W3134
KI-starch paper	N/A	W3155
0.4N Sulfamic Acid	5ML	WP112829
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
S0	S0	N/A	N/A
S5.0	S5.0	N/A	N/A
S10.0	S10.0	N/A	N/A
S100.0	S100.0	N/A	N/A
S250.0	S250.0	N/A	N/A
S500.0	S500.0	N/A	N/A
ICV	ICV	0.5ML	W3012
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	N/A	N/A
HIGHSTD	HIGHSTD	5.0ML	WP113319
LOWSTD	LOWSTD	0.1	WP113319

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/09/2025 11:40	JB / WC	RM (WC)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Cyanide Preparation Sheet

PB168347

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB168347BL	PBW347	50	50	>12	Negative	Negative	Negative	N/A	N/A
PB168347BS	LCS347	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q2243-02DUP	WATER-TREATMENT-DISCHARGEDUP	50	50	>12	Negative	Negative	Positive	N/A	N/A
Q2243-02MS	WATER-TREATMENT-DISCHARGEMS	50	50	>12	Negative	Negative	Positive	N/A	N/A
Q2243-02MSD	WATER-TREATMENT-DISCHARGEMSD	50	50	>12	Negative	Negative	Positive	N/A	N/A
Q2243-02	WATER-TREATMENT-DISCHARGE	50	50	>12	Negative	Negative	Positive	N/A	N/A

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2243 7
COC Number 2046483 7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: VERINA CONSULTING GROUP
ADDRESS: 1011 US-22, SUITE 302
CITY BRIDGEWATER STATE: NJ ZIP: 08807
ATTENTION: MICHAEL VALENZI
PHONE: 908-864-4400 FAX: 908-864-4401

CLIENT PROJECT INFORMATION

PROJECT NAME: ROTOR CLIP
PROJECT NO.: 5183.0601 LOCATION: NJ
PROJECT MANAGER: MICHAEL VALENZI
e-mail: MVALENZI@VCG-LLC.COM
PHONE: 908-864-4400 FAX: 908-864-4401

CLIENT BILLING INFORMATION

BILL TO: SEE LEFT PO#: 5183
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

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

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 + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other
☐ EDD FORMAT

ANALYSIS

1: Zn, Cu, Ni, Cr, Cd, Pb, Ag
2: TSS
3: BOD
4: Chlorine Demand
5: Ammonia
6: SGT-HEM
7: Total Cyanide
8: COD
9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								B	E	E	E	C	C	D	C		← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	WATER TREATMENT DISCHARGE	WW	X		6/5/25	11:10	6	X	X	X	X	X			X		
2.	WATER TREATMENT DISCHARGE	WW		X	6/5/25	11:00	4						X	X			
3.																	
4.																	
5.																	
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:
1.	6/5/25 11:30	1. 1130 6-5-25
2.		2.
3.	6-5-25 1245	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3 °C
Comments: pH = 9.8
Flow Rate = 42
Temperature = 77.7 °F
Zn, Cu, Ni, Cr, Cd, Pb, Ag = metals Group 5

Page ____ of
CLIENT: ☐ Hand Delivered ☐ Other
Shipment Complete ☐ YES ☐ NO

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