



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

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-DISCH	Water	Chromium	16.6		1.06	5.00	ug/L
Q2243-01	WATER-TREATMENT-DISCH	Water	Copper	7.46	J	2.30	10.0	ug/L
Q2243-01	WATER-TREATMENT-DISCH	Water	Nickel	7.09	J	1.53	20.0	ug/L
Q2243-01	WATER-TREATMENT-DISCH	Water	Zinc	190		8.33	20.0	ug/L



SAMPLE DATA

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



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

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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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

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	06/10/2025	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

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	06/10/2025	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

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

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
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

Metals
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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

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
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

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
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

Metals

- 2a -

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

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
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

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
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

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
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

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
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

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
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

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



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

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

Metals
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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

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

metals
- 5a -
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



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

Metals
- 5b -

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

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J

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

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

Metals

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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

Metals
-9 -
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)		Serial Dilution Result (S)		% Difference	Q	M
		C		C			
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

metals
- 14 -
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

metals
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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

Metals

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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

Metals

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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

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

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

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-D ISCHARGE	Water	Metals Group5	6010D	06/05/25	06/05/25	06/10/25	06/05/25



METAL PREPARATION & ANALYICAL SUMMARY

Metals
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SAMPLE PREPARATION SUMMARY

Client:	<u>VERINA CONSULTING GROUP, LLC</u>	SDG No.:	<u>Q2243</u>
Contract:	<u>VERI01</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q2243</u>
		SAS No.:	<u>Q2243</u>

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	

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136052

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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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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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136097

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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

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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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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		

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-37-0605	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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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		

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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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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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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Daily Analysis Runlog For Sequence/QC Batch 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		

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

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID : ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

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

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

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

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *S/Os*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard 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	<i>S/Os met dig</i>	<i>[Signature] Met Dig Lab</i>
	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

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

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

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits



QC RESULT SUMMARY



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

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

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: Cyanide	ICV1	mg/L	0.095	0.099	96	90-110	06/09/2025
Sample ID: Cyanide	CCV1	mg/L	0.24	0.25	96	90-110	06/09/2025
Sample ID: Cyanide	CCV2	mg/L	0.23	0.25	92	90-110	06/09/2025
Sample ID: Cyanide	CCV3	mg/L	0.24	0.25	96	90-110	06/09/2025

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QC Batch 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

LAB CHRONICLE

OrderID: Q2243
Client: VERINA CONSULTING GROUP, LLC
Contact: Michael Valenzi

OrderDate: 6/5/2025 12:47:00 PM
Project: Rotor Clip NJ WTD - 2025
Location: N41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2243-01	WATER-TREATMENT-D ISCHARGE	WATER			06/05/25 11:10	06/05/25		06/05/25
			Ammonia	SM4500-NH3			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-D ISCHARGE	WATER			06/05/25 11:00	06/09/25		06/05/25
			Cyanide	9012B			06/09/25 13:03	
			Oil and Grease	1664A			06/09/25 13:00	

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

SDG No : N/A

Matrix : WATER

Pipette 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

11 batch
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*

Standard 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
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 02191-01704 *RM*

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/05/2025 16:30	<i>RM CWC</i>	<i>RM CWC</i>
	Preparation Group	Analysis Group

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

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

Pipette ID : WC

Balance ID : N/A

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : MC-1,MC-2

Filter paper ID : N/A

Prep Technician Signature: *JP*

Weigh By : N/A

pH Meter ID : N/A

Supervisor Signature: *12*

Standardized 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	<i>JP</i> / WC	RM (WC)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
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-DISCHAR GEDUP	50	50	>12	Negative	Negative	Positive	N/A	N/A
Q2243-02MS	WATER-TREATMENT-DISCHAR GEMS	50	50	>12	Negative	Negative	Positive	N/A	N/A
Q2243-02MSD	WATER-TREATMENT-DISCHAR GEMSD	50	50	>12	Negative	Negative	Positive	N/A	N/A
Q2243-02	WATER-TREATMENT-DISCHAR GE	50	50	>12	Negative	Negative	Positive	N/A	N/A