



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

Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1872

Project: NJ Soil PT

RunNo.: LB135612

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Ammonia as N	mg/L	0.92	1	92	90-110	04/30/2025
Sample ID: CCV1 Ammonia as N	mg/L	0.94	1	94	90-110	04/30/2025
Sample ID: CCV2 Ammonia as N	mg/L	1	1	100	90-110	04/30/2025
Sample ID: CCV3 Ammonia as N	mg/L	0.97	1	97	90-110	04/30/2025

Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1872

Project: NJ Soil PT

RunNo.: LB135679

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	10.2	10	102	90-110	04/22/2025
Chloride	mg/L	3.1	3	103	90-110	04/22/2025
Fluoride	mg/L	2	2	100	90-110	04/22/2025
Nitrite	mg/L	3.1	3	103	90-110	04/22/2025
Nitrate	mg/L	2.6	2.5	104	90-110	04/22/2025
Sulfate	mg/L	15.1	15	101	90-110	04/22/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	04/22/2025
Sample ID: CCV1						
Bromide	mg/L	10.5	10	105	90-110	04/29/2025
Chloride	mg/L	3.2	3	107	90-110	04/29/2025
Fluoride	mg/L	2.1	2	105	90-110	04/29/2025
Nitrite	mg/L	3.1	3	103	90-110	04/29/2025
Nitrate	mg/L	2.7	2.5	108	90-110	04/29/2025
Sulfate	mg/L	15.2	15	101	90-110	04/29/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	04/29/2025
Sample ID: CCV2						
Bromide	mg/L	10.5	10	105	90-110	04/29/2025
Chloride	mg/L	3.1	3	103	90-110	04/29/2025
Fluoride	mg/L	2.1	2	105	90-110	04/29/2025
Nitrite	mg/L	3.1	3	103	90-110	04/29/2025
Nitrate	mg/L	2.7	2.5	108	90-110	04/29/2025
Sulfate	mg/L	15.3	15	102	90-110	04/29/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	04/29/2025

Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1872

Project: NJ Soil PT

RunNo.: LB135693

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Cyanide	mg/L	0.099	0.099	100	90-110	05/07/2025
Sample ID: CCV1 Cyanide	mg/L	0.25	0.25	100	90-110	05/07/2025
Sample ID: CCV2 Cyanide	mg/L	0.24	0.25	96	90-110	05/07/2025
Sample ID: CCV3 Cyanide	mg/L	0.25	0.25	100	90-110	05/07/2025
Sample ID: CCV4 Cyanide	mg/L	0.24	0.25	96	90-110	05/07/2025
Sample ID: CCV5 Cyanide	mg/L	0.25	0.25	100	90-110	05/07/2025

Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1872

Project: NJ Soil PT

RunNo.: LB135694

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
Cyanide		mg/L	0.096	0.099	97	90-110	05/07/2025
Sample ID:	CCV1						
Cyanide		mg/L	0.24	0.25	96	90-110	05/07/2025
Sample ID:	CCV2						
Cyanide		mg/L	0.24	0.25	96	90-110	05/07/2025

Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1872

Project: NJ Soil PT

RunNo.: LB135698

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Corrosivity	ICV	pH	7.00	7	100	90-110	05/07/2025
Sample ID: Corrosivity	CCV1	pH	2.01	2.00	101	90-110	05/07/2025
Sample ID: Corrosivity	CCV2	pH	12.02	12.00	100	90-110	05/07/2025
Sample ID: Corrosivity	CCV3	pH	2.01	2.00	101	90-110	05/07/2025

Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1872

Project: NJ Soil PT

RunNo.: LB135703

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Flash Point	o F	82.4	81	102	78-84	05/08/2025

Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1872

Project: NJ Soil PT

RunNo.: LB135761

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
TOC		mg/L	1030	1000	103	90-110	03/14/2025
Sample ID:	CCV1						
TOC		mg/L	983	1000	98	90-110	05/27/2025
Sample ID:	CCV2						
TOC		mg/L	1040	1000	104	90-110	05/27/2025

Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1872

Project: NJ Soil PT

RunNo.: LB135787

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 TKN	mg/L	4.8	5	96	90-110	05/15/2025
Sample ID: CCV1 TKN	mg/L	4.8	5	96	90-110	05/15/2025
Sample ID: CCV2 TKN	mg/L	4.8	5	96	90-110	05/15/2025
Sample ID: CCV3 TKN	mg/L	5	5	100	90-110	05/15/2025

Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1872

Project: NJ Soil PT

RunNo.: LB135817

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 TOC	mg/L	1030	1000	103	90-110	03/14/2025
Sample ID: CCV1 TOC	mg/L	983	1000	98	90-110	05/27/2025
Sample ID: CCV2 TOC	mg/L	1040	1000	104	90-110	05/27/2025

Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1872

Project: NJ Soil PT

RunNo.: LB135933

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Phosphorus, Total	mg/L	0.507	0.50	101	90-110	05/28/2025
Sample ID: CCV1 Phosphorus, Total	mg/L	0.501	0.50	100	90-110	05/28/2025
Sample ID: CCV2 Phosphorus, Total	mg/L	0.504	0.50	101	90-110	05/28/2025
Sample ID: CCV3 Phosphorus, Total	mg/L	0.492	0.50	98	90-110	05/28/2025

Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1872

Project: NJ Soil PT

RunNo.: LB135937

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.496	0.5	99	90-110	05/28/2025
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.494	0.5	99	90-110	05/28/2025
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.498	0.5	100	90-110	05/28/2025
Sample ID: CCV3 Hexavalent Chromium	mg/L	0.494	0.5	99	90-110	05/28/2025

Initial and Continuing Calibration Verification

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q1872

Project: NJ Soil PT

RunNo.: LB135937

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
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