

LAB CHRONICLE

OrderID: Q1775

Client: Weston Solutions

Contact: Nathan Fretz

OrderDate: 4/10/2025 11:16:00 AM

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

Location: F11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1775-01	SS050P-SD43-040725 -00	SOIL			04/07/25 08:35			04/10/25
			TOC	Lloyd Kahn			04/14/25 11:11	
Q1775-02	SS050P-SD42-040725 -00	SOIL			04/07/25 09:00			04/10/25
			ТОС	Lloyd Kahn			04/14/25 11:22	
Q1775-03	SS050P-SD41-040725 -00	SOIL			04/07/25 09:20			04/10/25
			TOC	Lloyd Kahn			04/14/25 11:37	
Q1775-04	SS050P-SD40-040725 -00	SOIL			04/07/25 09:40			04/10/25
			TOC	Lloyd Kahn			04/14/25 11:59	
Q1775-05	SS050P-SD39-040725 -00	SOIL			04/07/25 10:00			04/10/25
			TOC	Lloyd Kahn			04/14/25 12:28	
Q1775-06	SS050P-SD38-040725 -00	SOIL			04/07/25 10:15			04/10/25
			TOC	Lloyd Kahn			04/14/25 12:45	
Q1775-07	SS050P-SD37-040725 -00	SOIL			04/07/25 11:00			04/10/25
			TOC	Lloyd Kahn			04/14/25 13:04	



			LAB CHRO	NICLE			
Q1775-08	SS050P-SD36-040725 -00	SOIL		0	4/07/25 11:10		04/10/25
			TOC	Lloyd Kahn		04/14/25 13:18	
Q1775-09	SS050P-SD35-040725 -00	SOIL			4/07/25 11:25		04/10/25
			TOC	Lloyd Kahn		04/14/25 13:55	
Q1775-10	SS050P-SD34-040725 -00	SOIL			4/07/25 11:45		04/10/25
			TOC	Lloyd Kahn		04/14/25 14:48	
Q1775-11	SS050P-SD33-040725 -00	SOIL	TOC		4/07/25 12:00	04/14/25	04/10/25
			TOC	Lloyd Kahn		04/14/25 15:05	
Q1775-12	SS050P-SD27-040725 -00	SOIL	TOC	0 Lloyd Kahn	4/07/25 13:10	04/14/25	04/10/25
			100	·		15:33	
Q1775-13	SS050P-SD28-040725 -00	SOIL	TOC	O Lloyd Kahn	4/07/25 13:45	04/14/25	04/10/25
			100	·		15:56	
Q1775-14	SS050P-SD30-040725 -00	SOIL	TOC	Uloyd Kahn	4/07/25 14:30	04/14/25	04/10/25
			100	·		16:05	
Q1775-15	SS050P-SD31-040725 -00	SOIL	TOC	O Lloyd Kahn	4/07/25 14:55	04/14/25	04/10/25
			IOC	LIOYU KATITI		16:15	



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SAMPLE DATA



Lab Sample ID:

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

Matrix:

SOIL

Fax: 908 789 8922

Q1775-01

Report of Analysis

Client: Weston Solutions Date Collected: 04/07/25 08:35

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD Date Received: 04/10/25

Client Sample ID: SS050P-SD43-040725-00 SDG No.: Q1775

% Solid: 48

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight) Prep Date	Date Ana.	Ana Met.
TOC	18100	OR	1	43.4	50.0	250	mg/Kg	04/14/25 11:11	Lloyd Kahn

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



Fax: 908 789 8922

Report of Analysis

Client: Weston Solutions Date Collected: 04/07/25 09:00

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD Date Received: 04/10/25

Client Sample ID: SS050P-SD42-040725-00 SDG No.: Q1775

Lab Sample ID: Q1775-02 Matrix: SOIL

% Solid: 59.6

Parameter	Conc. Qua.	DF MDL	LOD	LOQ/CRQL Uni	its(Dry Weight) Prep Date	Date Ana.	Ana Met.
TOC	11200	1 43.4	50.0	250	mg/Kg	04/14/25 11:22	Lloyd Kahn

Comments:

U = Not Detected

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LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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

OR = Over Range



Lab Sample ID:

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

Matrix:

SOIL

Fax: 908 789 8922

Q1775-03

Report of Analysis

Client: Weston Solutions Date Collected: 04/07/25 09:20

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD Date Received: 04/10/25

Client Sample ID: SS050P-SD41-040725-00 SDG No.: Q1775

% Solid: 56.6

Parameter	Conc. Qua.	DF MDL	LOD	LOQ / CRQL	Units(Dry Weight) Prep Date	Date Ana.	Ana Met.
TOC	14800	1 43.4	50.0	250	mg/Kg	04/14/25 11:37	Lloyd Kahn

Comments:

U = Not Detected

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LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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OR = Over Range



Lab Sample ID:

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

Matrix:

SOIL

Fax: 908 789 8922

Q1775-04

Report of Analysis

Client: Weston Solutions Date Collected: 04/07/25 09:40

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD Date Received: 04/10/25

Client Sample ID: SS050P-SD40-040725-00 SDG No.: Q1775

% Solid: 49.2

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight) Prep Date	Date Ana.	Ana Met.
TOC	20400	OR	1	43.4	50.0	250	mg/Kg	04/14/25 11:59	Lloyd Kahn

Comments:

U = Not Detected

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MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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OR = Over Range



Client Sample ID:

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

Fax: 908 789 8922

SS050P-SD39-040725-00

Report of Analysis

Client: Weston Solutions Date Collected: 04/07/25 10:00

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD Date Received: 04/10/25

Lab Sample ID: Q1775-05 Matrix: SOIL

% Solid: 64.1

Q1775

SDG No.:

Parameter	Conc. Qua.	DF MDL	LOD	LOQ / CRQL Unit	ts(Dry Weight) Prep Date	Date Ana.	Ana Met.
TOC	15000	1 43.4	50.0	250	mg/Kg	04/14/25 12:28	Lloyd Kahn

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

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OR = Over Range



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Report of Analysis

Client: Weston Solutions Date Collected: 04/07/25 10:15

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD Date Received: 04/10/25

Client Sample ID: SS050P-SD38-040725-00 SDG No.: Q1775

Lab Sample ID: Q1775-06 Matrix: SOIL

% Solid: 71.9

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight) Prep Date	Date Ana.	Ana Met.
TOC	18100	OR	1	43.4	50.0	250	mg/Kg	04/14/25 12:45	Lloyd Kahn

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



Fax: 908 789 8922

Report of Analysis

Client: Weston Solutions Date Collected: 04/07/25 11:00

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD Date Received: 04/10/25

Client Sample ID: SS050P-SD37-040725-00 SDG No.: Q1775

Lab Sample ID: Q1775-07 Matrix: SOIL

% Solid: 82.6

Parameter	Conc. Qua.	DF MDL	LOD	LOQ / CRQL	Units(Dry Weight) Prep Date	Date Ana.	Ana Met.
TOC	889	1 43.4	50.0	250	mg/Kg	04/14/25 13:04	Lloyd Kahn

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



Fax: 908 789 8922

Report of Analysis

Client: Weston Solutions Date Collected: 04/07/25 11:10

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD Date Received: 04/10/25

Client Sample ID: SS050P-SD36-040725-00 SDG No.: Q1775

Lab Sample ID: Q1775-08 Matrix: SOIL

% Solid: 82

Parameter	Conc. Qua.	DF MDL	LOD	LOQ / CRQL	Units(Dry Weight) Prep Date	Date Ana.	Ana Met.
TOC	3670	1 43.4	50.0	250	mg/Kg	04/14/25 13:18	Lloyd Kahn

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



Report of Analysis

Client: Weston Solutions Date Collected: 04/07/25 11:25

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD Date Received: 04/10/25

Client Sample ID: SS050P-SD35-040725-00 SDG No.: Q1775

Lab Sample ID: Q1775-09 Matrix: SOIL

% Solid: 69.1

Parameter	Conc. Qua.	DF MDL	LOD	LOQ / CRQL	Units(Dry Weight) Prep Date	Date Ana.	Ana Met.
TOC	9320	1 43.4	50.0	250	mg/Kg	04/14/25 13:55	Lloyd Kahn

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



Client Sample ID:

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

SDG No.:

Q1775

Fax: 908 789 8922

SS050P-SD34-040725-00

Report of Analysis

Client: Weston Solutions Date Collected: 04/07/25 11:45

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD Date Received: 04/10/25

Lab Sample ID: Q1775-10 Matrix: SOIL

% Solid: 55.2

Parameter	Conc. Qua.	DF MDL	LOD	LOQ / CRQL	Units(Dry Weight) Prep Date	Date Ana.	Ana Met.
TOC	9870	1 43.4	50.0	250	mg/Kg	04/14/25 14:48	Lloyd Kahn

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



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Report of Analysis

Client: Weston Solutions Date Collected: 04/07/25 12:00

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD Date Received: 04/10/25

Client Sample ID: SS050P-SD33-040725-00 SDG No.: Q1775

Lab Sample ID: Q1775-11 Matrix: SOIL

% Solid: 55.3

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight) Prep Date	Date Ana.	Ana Met.
TOC	19000	OR	1	43.4	50.0	250	mg/Kg	04/14/25 15:05	Lloyd Kahn

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



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Report of Analysis

Client: Weston Solutions Date Collected: 04/07/25 13:10

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD Date Received: 04/10/25

Client Sample ID: SS050P-SD27-040725-00 SDG No.: Q1775

Lab Sample ID: Q1775-12 Matrix: SOIL

% Solid: 64.6

Parameter	Conc. Qua.	DF MDL	LOD	LOQ / CRQL	Units(Dry Weight) Prep Date	Date Ana.	Ana Met.
TOC	9640	1 43.4	50.0	250	mg/Kg	04/14/25 15:33	Lloyd Kahn

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



% Solid:

81.6

Fax: 908 789 8922

Report of Analysis

Client: Weston Solutions Date Collected: 04/07/25 13:45

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD Date Received: 04/10/25

Client Sample ID: SS050P-SD28-040725-00 SDG No.: Q1775

Lab Sample ID: Q1775-13 Matrix: SOIL

Parameter	Conc. Qua.	DF MDL	LOD	LOQ / CRQL	Units(Dry Weight) Prep Date	Date Ana.	Ana Met.
TOC	1880	1 43.4	50.0	250	mg/Kg	04/14/25 15:56	Lloyd Kahn

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



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Report of Analysis

Client: Weston Solutions Date Collected: 04/07/25 14:30

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD Date Received: 04/10/25

Client Sample ID: SS050P-SD30-040725-00 SDG No.: Q1775

Lab Sample ID: Q1775-14 Matrix: SOIL

% Solid: 81.1

Parameter	Conc. Qua.	DF MDL	LOD	LOQ / CRQL	Units(Dry Weight) Prep Date	Date Ana.	Ana Met.
TOC	2860	1 43.4	50.0	250	mg/Kg	04/14/25 16:05	Lloyd Kahn

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



Matrix:

SOIL

Fax: 908 789 8922

Report of Analysis

Client: Weston Solutions Date Collected: 04/07/25 14:55

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD Date Received: 04/10/25

Client Sample ID: SS050P-SD31-040725-00 SDG No.: Q1775 Lab Sample ID: Q1775-15

% Solid: 79.1

Parameter	Conc. Qua.	DF MDL	LOD	LOQ / CRQL	Units(Dry Weight) Prep Date	Date Ana.	Ana Met.
TOC	8490	1 43.4	50.0	250	mg/Kg	04/14/25 16:15	Lloyd Kahn

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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OR = Over Range



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QC RESULT SUMMARY





Initial and Continuing Calibration Verification

Client: Weston Solutions SDG No.: Q1775

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD RunNo.: LB135408

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1	mg/L	1030	1000	103	90-110	03/14/2025
Sample ID:	CCV1	mg/L	973	1000	97	90-110	04/14/2025
Sample ID: TOC	CCV2	mg/L	1080	1000	108	90-110	04/14/2025
Sample ID:	CCV3	mg/L	1020	1000	102	90-110	04/14/2025







Initial and Continuing Calibration Blank Summary

Client:Weston SolutionsSDG No.:Q1775Project:Joint Base McGuire Dix Lakehurst JBMDL - DoDRunNo.:LB135408

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB1	mg/L	< 125.0000	125.0000	Ū	32.1	250	03/14/2025
Sample ID:	CCB1	mg/L	< 125.0000	125.0000	U	32.1	250	04/14/2025
Sample ID:	CCB2	mg/L	< 125.0000	125.0000	Ŭ	32.1	250	04/14/2025
Sample ID:	CCB3	mg/L	< 125.0000	125.0000	Ū	32.1	250	04/14/2025





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Preparation Blank Summary

Client: Weston Solutions SDG No.: Q1775

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	LB135408BLS mg/Kg	< 125.0000	125.0000	U	43.4	250	04/14/2025

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Matrix Spike Summary

Client: Weston Solutions SDG No.: Q1775

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD Sample ID: Q1775-09

Client ID: SS050P-SD35-040725-00MS Percent Solids for Spike Sample: 69.1

		Acceptance	Spiked	Conc.	Sample	Conc.	Spike	Dilution	%		Analysis
Analyte	Units	Limit %R	Result	Qualifier	Result	Qualifier	Added	Factor	Rec	Qual	Date
TOC	mg/Kg	75-125	10300		9320		1000	1	98		04/14/2025









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Matrix Spike Summary

Client: Weston Solutions SDG No.: Q1775

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD Sample ID: Q1775-09

Client ID: SS050P-SD35-040725-00MSD Percent Solids for Spike Sample: 69.1

		Acceptance	Spiked	Conc.	Sample	Conc.	Spike	Dilution	%		Analysis
Analyte	Units	Limit %R	Result	Qualifier	Result	Qualifier	Added	Factor	Rec	Qual	Date
TOC	mg/Kg	75-125	10400		9320		1000	1	108		04/14/2025









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Duplicate Sample Summary

Client: Weston Solutions SDG No.: Q1775

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD **Sample ID:** Q1775-09

Client ID: SS050P-SD35-040725-00MSD Percent Solids for Spike Sample: 69.1

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TOC	mg/Kg	+/-20	10300		10400		1	1		04/14/2025









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

Fax: 908 789 8922

Laboratory Control Sample Summary

Client: Weston Solutions SDG No.: Q1775

Project: Joint Base McGuire Dix Lakehurst JBMDL - DoD Run No.: LB135408

Analyte		Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135408BSS								_
TOC		mg/Kg	1000	1050		105	1	90-110	04/14/2025





