

**Soil Sage**

Sample Delivery Group: L1866620  
Samples Received: 06/05/2025  
Project Number: CIV-SLB  
Description: SLB-Organic Matter (Walkley Black)  
Site: CIV-SLB  
Report To: Judy Daniels, Eli Craig  
8323 Depew Way  
Arvada, CO 80003

Entire Report Reviewed By:

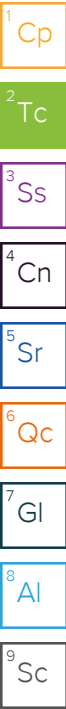


Tony Gibson  
Project Manager

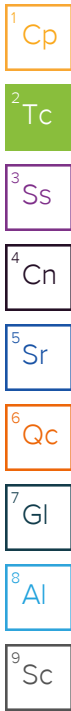
Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

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# SAMPLE SUMMARY

## SLB-320576-SOIL 1.1 L1866620-01

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	5	06/10/25 10:40	06/11/25 14:01	PAN	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

## SLB-320576-SOIL 1.2 L1866620-02

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	1	06/10/25 10:40	06/11/25 14:02	PAN	Mt. Juliet, TN

4 Cn

5 Sr

## SLB-320576-SOIL 1.3 L1866620-03

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	1	06/10/25 10:40	06/11/25 14:02	PAN	Mt. Juliet, TN

6 Qc

7 Gl

## SLB-320576-SOIL 1.4 L1866620-04

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	1	06/10/25 10:40	06/11/25 14:02	PAN	Mt. Juliet, TN

8 Al

9 Sc

## SLB-320576-REF SOIL 2.1 L1866620-05

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	1	06/10/25 10:40	06/11/25 14:03	PAN	Mt. Juliet, TN

## SLB-320576-REF SOIL 2.2 L1866620-06

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	1	06/10/25 10:40	06/11/25 14:03	PAN	Mt. Juliet, TN

## SLB-320576-REF SOIL 2.3 L1866620-07

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	1	06/10/25 10:40	06/11/25 14:04	PAN	Mt. Juliet, TN

## SLB-320576-REF SOIL 2.4 L1866620-08

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	1	06/10/25 10:40	06/11/25 14:04	PAN	Mt. Juliet, TN

# SAMPLE SUMMARY

## SLB-320576-RD SOIL 3.1 L1866620-09

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	2	06/10/25 10:40	06/11/25 14:27	PAN	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

## SLB-320576-RD SOIL 3.2 L1866620-10

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	5	06/10/25 10:40	06/11/25 14:27	PAN	Mt. Juliet, TN

4 Cn

5 Sr

## SLB-320576-RD SOIL 3.3 L1866620-11

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	2	06/10/25 10:40	06/11/25 14:28	PAN	Mt. Juliet, TN

6 Qc

7 Gl

## SLB-320576-RD SOIL 3.4 L1866620-12

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	1	06/10/25 10:40	06/11/25 14:28	PAN	Mt. Juliet, TN

8 Al

9 Sc

## SLB-319798-SOIL 4.1 L1866620-13

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	5	06/10/25 10:40	06/11/25 14:28	PAN	Mt. Juliet, TN

## SLB-319798-SOIL 4.2 L1866620-14

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	1	06/10/25 10:40	06/11/25 14:28	PAN	Mt. Juliet, TN

## SLB-319798-SOIL 4.3 L1866620-15

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	1	06/10/25 10:40	06/11/25 14:28	PAN	Mt. Juliet, TN

## SLB-319798-SOIL 4.4 L1866620-16

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	1	06/10/25 10:40	06/11/25 14:29	PAN	Mt. Juliet, TN

# SAMPLE SUMMARY

## SLB-319798-REF SOIL 5.1 L1866620-17

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	1	06/10/25 10:40	06/11/25 14:31	PAN	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

## SLB-319798-REF SOIL 5.2 L1866620-18

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	1	06/10/25 10:40	06/11/25 14:31	PAN	Mt. Juliet, TN

4 Cn

5 Sr

## SLB-319798-REF SOIL 5.3 L1866620-19

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	1	06/10/25 10:40	06/11/25 14:31	PAN	Mt. Juliet, TN

6 Qc

7 Gl

8 Al

## SLB-319798-REF SOIL 5.4 L1866620-20

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534726	1	06/10/25 10:40	06/11/25 14:31	PAN	Mt. Juliet, TN

9 Sc

## SLB-320548-SOIL 6.1 L1866620-21

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	1	06/10/25 10:23	06/11/25 15:28	ARV	Mt. Juliet, TN

## SLB-320548-SOIL 6.2 L1866620-22

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	1	06/10/25 10:23	06/11/25 15:28	ARV	Mt. Juliet, TN

## SLB-320548-SOIL 6.3 L1866620-23

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	1	06/10/25 10:23	06/11/25 15:28	ARV	Mt. Juliet, TN

## SLB-320548-SOIL 6.4 L1866620-24

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	1	06/10/25 10:23	06/11/25 15:29	ARV	Mt. Juliet, TN

# SAMPLE SUMMARY

## SLB-320548-REF SOIL 7.1 L1866620-25

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	5	06/10/25 10:23	06/11/25 15:29	ARV	Mt. Juliet, TN



## SLB-320548-REF SOIL 7.2 L1866620-26

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	2	06/10/25 10:23	06/11/25 15:29	ARV	Mt. Juliet, TN



## SLB-320548-REF SOIL 7.3 L1866620-27

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	2	06/10/25 10:23	06/11/25 15:29	ARV	Mt. Juliet, TN



## SLB-320548-REF SOIL 7.4 L1866620-28

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	1	06/10/25 10:23	06/11/25 15:31	ARV	Mt. Juliet, TN



## SLB-319795-SOIL 8.1 L1866620-29

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	5	06/10/25 10:23	06/11/25 15:31	ARV	Mt. Juliet, TN

## SLB-319795-SOIL 8.2 L1866620-30

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	1	06/10/25 10:23	06/11/25 15:31	ARV	Mt. Juliet, TN

## SLB-319795-SOIL 8.3 L1866620-31

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	1	06/10/25 10:23	06/11/25 15:31	ARV	Mt. Juliet, TN

## SLB-319795-SOIL 8.4 L1866620-32

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

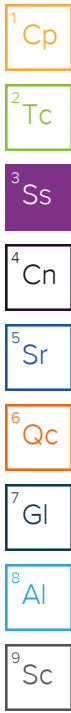
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	1	06/10/25 10:23	06/11/25 15:32	ARV	Mt. Juliet, TN

# SAMPLE SUMMARY

## SLB-319795-REF SOIL 9.1 L1866620-33

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	1	06/10/25 10:23	06/11/25 15:32	ARV	Mt. Juliet, TN



## SLB-319795-REF SOIL 9.2 L1866620-34

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	1	06/10/25 10:23	06/11/25 15:34	ARV	Mt. Juliet, TN

## SLB-319795-REF SOIL 9.3 L1866620-35

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	1	06/10/25 10:23	06/11/25 15:36	ARV	Mt. Juliet, TN

## SLB-319795-REF SOIL 9.4 L1866620-36

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	1	06/10/25 10:23	06/11/25 15:37	ARV	Mt. Juliet, TN

## SLB-319803-SOIL 10.1 L1866620-37

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	5	06/10/25 10:23	06/11/25 15:37	ARV	Mt. Juliet, TN

## SLB-319803-SOIL 10.2 L1866620-38

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	1	06/10/25 10:23	06/11/25 15:37	ARV	Mt. Juliet, TN

## SLB-319803-SOIL 10.3 L1866620-39

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	1	06/10/25 10:23	06/11/25 15:38	ARV	Mt. Juliet, TN

## SLB-319803-SOIL 10.4 L1866620-40

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534731	1	06/10/25 10:23	06/11/25 15:38	ARV	Mt. Juliet, TN

# SAMPLE SUMMARY

## SLB-319803-REF SOIL 11.1 L1866620-41

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534733	1	06/10/25 10:38	06/11/25 16:45	PAN	Mt. Juliet, TN

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

## SLB-319803-REF SOIL 11.2 L1866620-42

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534733	1	06/10/25 10:38	06/11/25 16:45	PAN	Mt. Juliet, TN

<sup>4</sup> Cn

<sup>5</sup> Sr

## SLB-319803-REF SOIL 11.3 L1866620-43

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534733	1	06/10/25 10:38	06/11/25 16:45	PAN	Mt. Juliet, TN

<sup>6</sup> Qc

<sup>7</sup> Gl

## SLB-319803-REF SOIL 11.4 L1866620-44

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534733	1	06/10/25 10:38	06/11/25 16:46	PAN	Mt. Juliet, TN

<sup>8</sup> Al

<sup>9</sup> Sc

## SLB-319803-RD SOIL 12.1 L1866620-45

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534733	2	06/10/25 10:38	06/11/25 16:48	PAN	Mt. Juliet, TN

## SLB-319803-RD SOIL 12.2 L1866620-46

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534733	2	06/10/25 10:38	06/11/25 16:48	PAN	Mt. Juliet, TN

## SLB-319803-RD SOIL 12.3 L1866620-47

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534733	5	06/10/25 10:38	06/11/25 16:48	PAN	Mt. Juliet, TN

## SLB-319803-RD SOIL 12.4 L1866620-48

Collected by Soil Sage      Collected date/time 06/02/25 00:00      Received date/time 06/05/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2534733	2	06/10/25 10:38	06/11/25 16:48	PAN	Mt. Juliet, TN

# CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Tony Gibson  
Project Manager

- <sup>1</sup> Cp
- <sup>2</sup> Tc
- <sup>3</sup> Ss
- <sup>4</sup> Cn
- <sup>5</sup> Sr
- <sup>6</sup> Qc
- <sup>7</sup> Gl
- <sup>8</sup> Al
- <sup>9</sup> Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	15500		500	5	06/11/2025 14:01	<a href="#">WG2534726</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	1350		100	1	06/11/2025 14:02	<a href="#">WG2534726</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	1430		100	1	06/11/2025 14:02	<a href="#">WG2534726</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	2930		100	1	06/11/2025 14:02	<a href="#">WG2534726</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	1520		100	1	06/11/2025 14:03	<a href="#">WG2534726</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	1490		100	1	06/11/2025 14:03	<a href="#">WG2534726</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	1680		100	1	06/11/2025 14:04	<a href="#">WG2534726</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	1800		100	1	06/11/2025 14:04	<a href="#">WG2534726</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	10800		200	2	06/11/2025 14:27	<a href="#">WG2534726</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	5380		500	5	06/11/2025 14:27	<a href="#">WG2534726</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	1760		200	2	06/11/2025 14:28	<a href="#">WG2534726</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	2780		100	1	06/11/2025 14:28	<a href="#">WG2534726</a>

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	13500		500	5	06/11/2025 14:28	<a href="#">WG2534726</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	3500		100	1	06/11/2025 14:28	<a href="#">WG2534726</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	1800		100	1	06/11/2025 14:28	<a href="#">WG2534726</a>

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	899		100	1	06/11/2025 14:29	<a href="#">WG2534726</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	3800		100	1	06/11/2025 14:31	<a href="#">WG2534726</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	4930		100	1	06/11/2025 14:31	<a href="#">WG2534726</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	2620		100	1	06/11/2025 14:31	<a href="#">WG2534726</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	1450		100	1	06/11/2025 14:31	<a href="#">WG2534726</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	3880		100	1	06/11/2025 15:28	<a href="#">WG2534731</a>

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	2790		100	1	06/11/2025 15:28	<a href="#">WG2534731</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	3020		100	1	06/11/2025 15:28	<a href="#">WG2534731</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	3190		100	1	06/11/2025 15:29	<a href="#">WG2534731</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	15600		500	5	06/11/2025 15:29	<a href="#">WG2534731</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	3800		200	2	06/11/2025 15:29	<a href="#">WG2534731</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	2930		200	2	06/11/2025 15:29	<a href="#">WG2534731</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	3620		100	1	06/11/2025 15:31	<a href="#">WG2534731</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	5350		500	5	06/11/2025 15:31	<a href="#">WG2534731</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	2940		100	1	06/11/2025 15:31	<a href="#">WG2534731</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	1430		100	1	06/11/2025 15:31	<a href="#">WG2534731</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	1380		100	1	06/11/2025 15:32	<a href="#">WG2534731</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	4570		100	1	06/11/2025 15:32	<a href="#">WG2534731</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	2690		100	1	06/11/2025 15:34	<a href="#">WG2534731</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	1250		100	1	06/11/2025 15:36	<a href="#">WG2534731</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	1380		100	1	06/11/2025 15:37	<a href="#">WG2534731</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	14600		500	5	06/11/2025 15:37	<a href="#">WG2534731</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	3830		100	1	06/11/2025 15:37	<a href="#">WG2534731</a>

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	2440		100	1	06/11/2025 15:38	<a href="#">WG2534731</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	1990		100	1	06/11/2025 15:38	<a href="#">WG2534731</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	4530		100	1	06/11/2025 16:45	<a href="#">WG2534733</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	1880		100	1	06/11/2025 16:45	<a href="#">WG2534733</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	2660		100	1	06/11/2025 16:45	<a href="#">WG2534733</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	2780		100	1	06/11/2025 16:46	<a href="#">WG2534733</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	6680		200	2	06/11/2025 16:48	<a href="#">WG2534733</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	3020		200	2	06/11/2025 16:48	<a href="#">WG2534733</a>

- <sup>1</sup>Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	2930		500	5	06/11/2025 16:48	<a href="#">WG2534733</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TOC By Walkley Black	3670		200	2	06/11/2025 16:48	<a href="#">WG2534733</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Method Blank (MB)

(MB) R4228819-1 06/11/25 14:01

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
TOC By Walkley Black	U		25.5	100

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1866620-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1866620-06 06/11/25 14:03 • (DUP) R4228819-3 06/11/25 14:03

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
TOC By Walkley Black	1490	1540	1	3.21		20

L1866620-16 Original Sample (OS) • Duplicate (DUP)

(OS) L1866620-16 06/11/25 14:29 • (DUP) R4228819-4 06/11/25 14:30

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
TOC By Walkley Black	899	896	1	0.370		20

Laboratory Control Sample (LCS)

(LCS) R4228819-2 06/11/25 14:01

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
TOC By Walkley Black	3230	4170	129	75.0-144	

L1866620-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866620-16 06/11/25 14:29 • (MS) R4228819-5 06/11/25 14:30 • (MSD) R4228819-6 06/11/25 14:31

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
TOC By Walkley Black	4000	899	5010	5010	103	103	1	80.0-120			0.0185	20

Method Blank (MB)

(MB) R4228874-1 06/11/25 15:26

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TOC By Walkley Black	U		25.5	100

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

L1866620-27 Original Sample (OS) • Duplicate (DUP)

(OS) L1866620-27 06/11/25 15:29 • (DUP) R4228874-3 06/11/25 15:30

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits
TOC By Walkley Black	2930	2420	2	18.8		20

L1866620-33 Original Sample (OS) • Duplicate (DUP)

(OS) L1866620-33 06/11/25 15:32 • (DUP) R4228874-4 06/11/25 15:34

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits
TOC By Walkley Black	4570	4410	1	3.60		20

Laboratory Control Sample (LCS)

(LCS) R4228874-2 06/11/25 15:26

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC By Walkley Black	3230	4380	136	75.0-144	

L1866620-34 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866620-34 06/11/25 15:34 • (MS) R4228874-5 06/11/25 15:35 • (MSD) R4228874-6 06/11/25 15:35

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC By Walkley Black	4000	2690	7100	6520	110	95.8	1	80.0-120			8.50	20

Method Blank (MB)

(MB) R4228931-1 06/11/25 16:43

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TOC By Walkley Black	U		25.5	100

L1866620-43 Original Sample (OS) • Duplicate (DUP)

(OS) L1866620-43 06/11/25 16:45 • (DUP) R4228931-3 06/11/25 16:45

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits
TOC By Walkley Black	2660	2760	1	3.74		20

Laboratory Control Sample (LCS)

(LCS) R4228931-2 06/11/25 16:45

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC By Walkley Black	3230	4380	136	75.0-144	

L1866620-43 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1866620-43 06/11/25 16:45 • (MS) R4228931-4 06/11/25 16:45 • (MSD) R4228931-5 06/11/25 16:46

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC By Walkley Black	4000	2660	6740	6790	102	103	1	80.0-120			0.788	20

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

# GLOSSARY OF TERMS

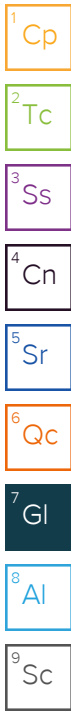
## Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

### Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.



### Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

# ACCREDITATIONS & LOCATIONS

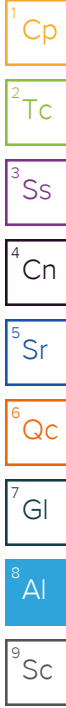
## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky <sup>1,6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1,4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



Company Name/Address: **SOIL SAGE**  
**8323 DEPEW WAY**  
**ARVADA, CO 80003**

Billing Information: **SOIL SAGE**  
**8323 DEPEW WAY**  
**ARVADA, CO 80003**  
**SOISAGACO**

Chain of Custody Page **1** of **8**

Analysis / Container / Preservative

Pres Chk



12065 Lebanon Rd Mount Juliet, TN 37122  
 Phone: 615-758-5858 Alt: 800-767-5859  
 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/lubfs/pas-standard-terms.pdf>

Report to: **JUDY DANIELS**

Email To: **JUDY@SOILSAGE.COM**

Project Description: **SLB-ORGANIC MATTER (WALKLEY BLACK)**

City/State Collected: **SLB, CO**

Please Circle: PT MT CT ET

Phone: **3038851083**

Client Project # **CIV-SLB**

Lab Project #

Collected by (print): **SOIL SAGE**

Site/Facility ID # **CIV-SLB**

P.O. #

Collected by (signature): **SOIL SAGE - COOLER**

*Rush?* (Lab MUST Be Notified)

\_\_\_ Same Day \_\_\_ Five Day  
 \_\_\_ Next Day \_\_\_ 5 Day (Rad Only)  
 \_\_\_ Two Day \_\_\_ 10 Day (Rad Only)  
 \_\_\_ Three Day

Quote # **00170033**

Date Results Needed

Immediately Packed on Ice  N  Y

No. of Cntrs

TOC - WALKLEY BLAK

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Analysis / Container / Preservative	Chain of Custody
SLB-320576-SOIL 1.1		SS	6	2 JUN 25			X	
SLB-320576-SOIL 1.2		SS	12	2 JUN 25			X	
SLB-320576-SOIL 1.3		SS	18	2 JUN 25			X	
SLB-320576-SOIL 1.4		SS	24	2 JUN 25			X	
SLB-320576- REF SOIL 2.1		SS	6	2 JUN 25			X	
SLB-320576- REF SOIL 2.2		SS	12	2 JUN 25			X	
SLB-320576- REF SOIL 2.3		SS	18	2 JUN 25			X	
SLB-320576- REF SOIL 2.4		SS	24	2 JUN 25			X	
SLB-320576- RD SOIL 3.1		SS	6	2 JUN 25			X	
SLB-320576- RD SOIL 3.2		SS	12	2 JUN 25			X	

SDG # **L1866620**  
**H184**

Acctnum:  
 Template:  
 Prelogin:  
 PM:  
 PB:

Shipped Via:  
 Remarks Sample # (lab only)

\* Matrix: **SS - Soil AIR - Air F - Filter**  
**GW - Groundwater B - Bioassay**  
**WW - WasteWater**  
**DW - Drinking Water**  
**OT - Other**

Remarks:

Samples returned via: \_\_\_ UPS \_\_\_ FedEx \_\_\_ Courier

Tracking #

pH \_\_\_\_\_ Temp \_\_\_\_\_  
 Flow \_\_\_\_\_ Other \_\_\_\_\_

Sample Receipt Checklist

COC Seal Present/Intact: \_\_\_ NP \_\_\_ Y \_\_\_ N

COC Signed/Accurate: \_\_\_ Y \_\_\_ N

Bottles arrive intact: \_\_\_ Y \_\_\_ N

Correct bottles used: \_\_\_ Y \_\_\_ N

Sufficient volume sent: \_\_\_ Y \_\_\_ N

If Applicable

VOA Zero Headspace: \_\_\_ Y \_\_\_ N

Preservation Correct/Checked: \_\_\_ Y \_\_\_ N

RAD Screen <0.5 mR/hr: \_\_\_ Y \_\_\_ N

Relinquished by: (Signature) <i>J Daniels</i>	Date: <i>6/4/25</i>	Time: <i>1410</i>	Received by: (Signature) <i>[Signature]</i>	Trip Blank Received: Yes/No <input checked="" type="checkbox"/> No	HCL/MeOH TBR
Relinquished by: (Signature) <i>[Signature]</i>	Date: <i>6-4-25</i>	Time: <i>18:00</i>	Received by: (Signature) <i>SWA</i>	Temp: <i>12.4°C</i>	Bottles Received: <i>48</i>
Relinquished by: (Signature) <i>[Signature]</i>	Date: <i>6/5/25</i>	Time: <i>9:00</i>	Received for lab by: (Signature) <i>[Signature]</i>	Hold:	Condition: <b>NCF / OK</b>

Company Name/Address: **SOIL SAGE**  
**8323 DEPEW WAY**  
**ARVADA, CO 80003**

Billing Information:  
**SOIL SAGE**  
**8323 DEPEW WAY**  
**ARVADA, CO 80003**  
**SOISAGACO**

Chain of Custody Page **2** of **5**

**Pace**  
 PEOPLE ADVANCING SCIENCE

12065 Lebanon Rd Mount Juliet, TN 37122  
 Phone: 615-758-5858 Alt: 800-767-5859

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubfs/pas-standard-terms.pdf>

Report to: **JUDY DANIELS**

Email To: **JUDY@SOILSAGE.COM**

Project Description: **SLB-ORGANIC MATTER (WALKLEY BLACK)**

City/State Collected: **SLB, CO**

Please Circle: PT MT CT ET

Phone: **3038851083**

Client Project # **CIV-SLB**

Lab Project #

Collected by (print): **SOIL SAGE**

Site/Facility ID # **CIV-SLB**

P.O. #

Collected by (signature): **SOIL SAGE - COOLER**

**Rush?** (Lab MUST Be Notified)

\_\_\_ Same Day \_\_\_ Five Day  
 \_\_\_ Next Day \_\_\_ 5 Day (Rad Only)  
 \_\_\_ Two Day \_\_\_ 10 Day (Rad Only)  
 \_\_\_ Three Day

Quote # **00170033**

Date Results Needed

Immediately Packed on Ice **N X Y**

No. of Cntrs

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Analysis / Container / Preservative	Chain of Custody
SLB-320576- RD SOIL 3.3		SS	18	2 JUN 25		X		TOC - WALKLEY BLAK
SLB-320576- RD SOIL 3.2		SS	24	2 JUN 25		X		
SLB-319798- SOIL 4.1		SS	6	2 JUN 25		X		
SLB-319798- SOIL 4.2		SS	12	2 JUN 25		X		
SLB-319798- SOIL 4.3		SS	18	2 JUN 25		X		
SLB-319798- SOIL 4.4		SS	24	2 JUN 25		X		
SLB-319798- REF SOIL 5.1		SS	6	2 JUN 25		X		
SLB-319798- REF SOIL 5.2		SS	12	2 JUN 25		X		
SLB-319798- REF SOIL 5.3		SS	18	2 JUN 25		X		
SLB-319798- REF SOIL 5.4		SS	24	2 JUN 25		X		

\* Matrix: **SS - Soil AIR - Air F - Filter**  
**GW - Groundwater B - Bioassay**  
**WW - WasteWater**  
**DW - Drinking Water**  
**OT - Other**

Remarks:

Samples returned via: \_\_\_ UPS \_\_\_ FedEx \_\_\_ Courier

Tracking #

pH \_\_\_ Temp \_\_\_

Flow \_\_\_ Other \_\_\_

Trip Blank Received: Yes / No  
 HCL / MeOH  
 TBR

Temp: **TLA °C**  
**0.8 to 4.62**

Bottles Received: **48**

If preservation required by Login: Date/Time

VOA Zero Headspace: \_\_\_ Y \_\_\_ N  
 Preservation Correct/Checked: \_\_\_ Y \_\_\_ N  
 RAD Screen <0.5 mR/hr: \_\_\_ Y \_\_\_ N

Relinquished by: (Signature) *Judy Daniels* Date: **4 Jun 25** Time: **14:14**

Received by: (Signature) *[Signature]*

Relinquished by: (Signature) *[Signature]* Date: **6-9-25** Time: **18:00**

Received by: (Signature) *[Signature]*

Relinquished by: (Signature) *[Signature]* Date: **6/9/25** Time: **9:00**

Received for lab by: (Signature) *[Signature]*

Condition: NCF / **OK**

SDG # **L1866620**

Table #

Acctnum:

Template:

Prelogin:

PM:

PB:

Shipped Via:

Remarks


Sample # (lab only)

**11**  
**12**  
**13**  
**14**  
**15**  
**16**  
**17**  
**18**  
**19**  
**20**

Company Name/Address:  
**SOIL SAGE**  
**8323 DEPEW WAY**  
**ARVADA, CO 80003**

Billing Information:  
**SOIL SAGE**  
**8323 DEPEW WAY**  
**ARVADA, CO 80003**  
**SOISAGACO**

Analysis / Container / Preservative										
Pres Chk										

Chain of Custody Page **3** of **5**  
  
 PEOPLE ADVANCING SCIENCE  
 12065 Lebanon Rd Mount Juliet, TN 37122  
 Phone: 615-758-5858 Alt: 800-767-5859  
 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

Report to:  
**JUDY DANIELS**

Email To:  
**JUDY@SOILSAGE.COM**

Project Description:  
**SLB-ORGANIC MATTER (WALKLEY BLACK)**

City/State Collected: **SLB, CO**

Please Circle:  
 PT MT CT ET

Phone: **3038851083**

Client Project #  
**CIV-SLB**

Lab Project #

Collected by (print):  
**SOIL SAGE**

Site/Facility ID #  
**CIV-SLB**

P.O. #

Collected by (signature):  
**SOIL SAGE - COOLER**  
 Immediately Packed on Ice  Y  N

**Rush?** (Lab MUST Be Notified)  
 Same Day  Five Day  
 Next Day  5 Day (Rad Only)  
 Two Day  10 Day (Rad Only)  
 Three Day

Quote #  
**00170033**  
 Date Results Needed

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs
-----------	-----------	---------	-------	------	------	--------------

SLB-320548- SOIL 6.1		SS	6	2 JUN 25		X
SLB-320548- SOIL 6.2		SS	12	2 JUN 25		X
SLB-320548- SOIL 6.3		SS	18	2 JUN 25		X
SLB-320548- SOIL 6.4		SS	24	2 JUN 25		X
SLB-320548- REF SOIL 7.1		SS	6	2 JUN 25		X
SLB-320548- REF SOIL 7.2		SS	12	2 JUN 25		X
SLB-320548- REF SOIL 7.3		SS	18	2 JUN 25		X
SLB-320548- REF SOIL 7.4		SS	24	2 JUN 25		X
SLB-319795- SOIL 8.1		SS	6	2 JUN 25		X
SLB-319795- SOIL 8.2		SS	12	2 JUN 25		X

TOC - WALKLEY BLAK

SDG # **L1866620**  
 Table #  
 Acctnum:  
 Template:  
 Prelogin:  
 PM:  
 PB:

Shipped Via:  
 Remarks Sample # (lab only)

		- 21
		- 22
		- 23
		- 24
		- 25
		- 26
		- 27
		- 28
		- 29
		- 30

\* Matrix:  
 SS - Soil AIR - Air F - Filter  
 GW - Groundwater B - Bioassay  
 WW - WasteWater  
 DW - Drinking Water  
 OT - Other

Remarks:  
 pH \_\_\_\_\_ Temp \_\_\_\_\_  
 Flow \_\_\_\_\_ Other \_\_\_\_\_  
 Samples returned via:  
 UPS  FedEx  Courier \_\_\_\_\_  
 Tracking # \_\_\_\_\_

**Sample Receipt Checklist**  
 COC Seal Present/Intact:  NP  N  
 COC Signed/Accurate:  Y  N  
 Bottles arrive intact:  Y  N  
 Correct bottles used:  Y  N  
 Sufficient volume sent:  Y  N  
**If Applicable**  
 VOA Zero Headspace:  Y  N  
 Preservation Correct/Checked:  Y  N  
 RAD Screen <0.5 mR/hr:  Y  N

Relinquished by: (Signature)  
*J Daniels*

Date: **4 Jun 25**

Time: **14:14**

Received by: (Signature)  
*[Signature]*

Trip Blank Received: Yes /  No  
 HCL / MeoH  
 TBR

Relinquished by: (Signature)  
*[Signature]*

Date: **6-4-25**

Time: **18:00**

Received by: (Signature)  
*SWA*

Temp: **14.9** °C  
 Bottles Received: **48**  
 0.8 to 1.2

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)  
*[Signature]*

Date: **6/5/25** Time: **9:00**

Hold: Condition: NCF /  OK



