

## DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

<b>J</b>	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
<b>U</b>	Indicates the analyte was analyzed for, but not detected.
<b>ND</b>	Indicates the analyte was analyzed for, but not detected
<b>E</b>	Indicates the reported value is estimated because of the presence of interference
<b>M</b>	Indicates Duplicate injection precision not met.
<b>N</b>	Indicates the spiked sample recovery is not within control limits.
<b>S</b>	Indicates the reported value was determined by the Method of Standard Addition (MSA).
<b>*</b>	Indicates that the duplicate analysis is not within control limits.
<b>+</b>	Indicates the correlation coefficient for the MSA is less than 0.995.
<b>D</b>	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
<b>M</b>	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
<b>OR</b>	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
<b>Q</b>	Indicates the LCS did not meet the control limits requirements
<b>H</b>	Sample Analysis Out Of Hold Time

## LAB CHRONICLE

<b>OrderID:</b>	Q1171	<b>OrderDate:</b>	1/23/2025 1:17:00 PM
<b>Client:</b>	Vermont's Original, LLC	<b>Project:</b>	Finished Product
<b>Contact:</b>	Mark Perkins	<b>Location:</b>	E11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1171-01	LOT-18995020	SOIL			01/20/25 12:00			01/23/25
			8-Hydroxyquinoline sulfate	Chemtech -SOP			01/24/25 10:00	



# SAMPLE DATA

## Report of Analysis

Client:	Vermont's Original, LLC	Date Collected:	01/20/25 12:00
Project:	Finished Product	Date Received:	01/23/25
Client Sample ID:	LOT-18995020	SDG No.:	Q1171
Lab Sample ID:	Q1171-01	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
8-Hydroxyquinoline sulfate	0.30		1	0	0	mg/Kg		01/24/25 10:00	Chemtech -SOP

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

### Preparation Blank Summary

**Client:** Vermont's Original, LLC

**SDG No.:** Q1171

**Project:** Finished Product

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: <b>LB134396BL</b>							
8-Hydroxyquinoline sul	mg/Kg	0.01	0.0000		0	0	01/24/2025

### Duplicate Sample Summary

<b>Client:</b>	Vermont's Original, LLC	<b>SDG No.:</b>	Q1171
<b>Project:</b>	Finished Product	<b>Sample ID:</b>	Q1117-01
<b>Client ID:</b>	LOT-P44DUP	<b>Percent Solids for Spike Sample:</b>	100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
8-Hydroxyquinoline sulfate	mg/Kg	+/-20	0.29		0.29		1	0		01/24/2025



# RAW DATA



Analysis Method: Chemtech -SOP

SUPERVISOR REVIEW BY: Iwona

ANALYST: Niha

Parameter: 8-Hydroxyquinoline sulfate

Constant: 16000

Run Number: LB134396

BalanceID: SC WC-7

Time IN: 09:00

Time OUT: 09:20

Date IN: 01/24/2025

Date OUT: 01/24/2025

Temp (°C) IN: 69

Temp (°C) OUT: 71

Reagent/Standard	Lot/Log #
HCL 10%	WP111036
KI solution for Bag Balm, 10%	WP110519
Starch Solution, 4L	W3149
Hexane, Ultra-Resi (cs/4x4L)	W3153
POTASSIUM BROMATE 0.1N 1L	W3102
SODIUM THIOSULFATE, 0.1N, 1 LITER	W3037

Seq	Lab ID	Sample Wt(g)	DF	T1 (mL)	T2 Initial	T2 Final	T2 Diff. (mL)	T1 - T2 Diff (mL)	KI 10%	Result (ppm)	AnalDate	Anal Time
1	LB134396BL	4.00	1	4.00	0.00	3.92	3.92	0.08	2.00	0.01	01/24/2025	09:45
2	Q1117-01	4.17	1	4.00	0.00	1.64	1.64	2.36	2.00	0.29	01/24/2025	09:50
3	Q1117-01DUP	4.18	1	4.00	0.00	1.62	1.62	2.38	2.00	0.29	01/24/2025	09:55
4	Q1171-01	4.08	1	4.00	0.00	1.60	1.60	2.40	2.00	0.30	01/24/2025	10:00

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Result = (T1 - T2) \* 0.508 / Sample Volume

LB134396

WORKLIST(Hardcopy Internal Chain)

WorkList Name : 8HQS-01242025

WorkList ID : 187124

Department : Wet-Chemistry

Date : 01-24-2025 08:41:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1117-01	LOT-P44	Solid	8-Hydroxyquinoline sulfate	Cool 4 deg C	DAIR01	M11	01/13/2025	Chemtech -SO
Q1171-01	LOT-18995020	Solid	8-Hydroxyquinoline sulfate	Cool 4 deg C	DAIR01	E11	01/20/2025	Chemtech -SO

Date/Time 01-24-2025 , 08:45  
Raw Sample Received by: NFWCJ  
Raw Sample Relinquished by: JFWCJ

Date/Time 01-24-2025 , 10:10  
Raw Sample Received by: JFWCJ  
Raw Sample Relinquished by: NFWCJ

**Instrument ID:** GRAVIMETRIC

**Daily Analysis Runlog For Sequence/QC Batch ID # LB134396**

Review By	Niha	Review On	1/24/2025 11:32:39 AM
Supervise By	Iwona	Supervise On	1/24/2025 3:06:22 PM
SubDirectory	LB134396	Test	8-Hydroxyquinoline sulfate
<b>STD. NAME</b>	<b>STD REF.#</b>		
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	WP111036,WP110519,W3149,W3153,W3102,W3037		

Sr#	SampleID	ClientID	QcType	Date	Comment	Operator	Status
1	LB134396BL	LB134396BL	MB	01/24/25 09:45		Niha	OK
2	Q1117-01	LOT-P44	SAM	01/24/25 09:50		Niha	OK
3	Q1117-01DUP	LOT-P44DUP	DUP	01/24/25 09:55		Niha	OK
4	Q1171-01	LOT-18995020	SAM	01/24/25 10:00		Niha	OK



# SHIPPING DOCUMENTS



Q1171

January 20, 2025

CHEMTECH LABORATORIES  
284 Sheffield Street  
Mountainside, NJ 07092

Enclosed: One (1) tube of Bag Balm ointment with the following Lot #:  
18995020



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

### Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488