

## 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

**OrderID:** Q3783  
**Client:** Vermont's Original, LLC  
**Contact:** Mark Perkins

**OrderDate:** 12/4/2025 2:02:00 PM  
**Project:** Finished Product  
**Location:** A11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3783-01	LOT#12015	SOIL			12/01/25 12:00			12/04/25
			8-Hydroxyquinoline sulfate	Chemtech -SOP			12/11/25 11:05	



# SAMPLE DATA

## Report of Analysis

Client: Vermont's Original, LLC  
Project: Finished Product  
Client Sample ID: LOT#12015  
Lab Sample ID: Q3783-01

Date Collected: 12/01/25 12:00  
Date Received: 12/04/25  
SDG No.: Q3783  
Matrix: SOIL  
% Solid: 100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
8-Hydroxyquinoline sulfate	0.30		1	0	0	mg/Kg		12/11/25 11:05	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.:** Q3783

**Project:** Finished Product

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: <b>LB138202BL</b>							
8-Hydroxyquinoline sul	mg/Kg	0.02	0.0000		0	0	12/11/2025

## Duplicate Sample Summary

<b>Client:</b> Vermont's Original, LLC	<b>SDG No.:</b> Q3783
<b>Project:</b> Finished Product	<b>Sample ID:</b> Q3783-01
<b>Client ID:</b> LOT#12015DUP	<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	0.30		0.31		1	3.28		12/11/2025



# RAW DATA



Analysis Method: Chemtech -SOP

Parameter: 8-Hydroxyquinoline sulfate

Run Number: LB138202

Time IN: 10:15

Date IN: 12/11/2025

Temp (°C) IN: 68

ANALYST: Iwona

SUPERVISOR REVIEW BY: jignesh

Constant: 16000

BalanceID: M SC-4

Time OUT: 10:35

Date OUT: 12/11/2025

Temp (°C) OUT: 71

Reagent/Standard	Lot/Log #
HCL 10%	WP114803
KI solution for Bag Balm, 10%	WP116083
SODIUM THIOSULFATE, 0.1N, 1 LITER	W3184
Starch Solution, 4L	W3149
Potassium Bromate, 0.1 N, 4 Litre	W3185
Hexane, Ultra-Resi (cs/4x4L)	W3262

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	LB138202BL	4.00	1	4.00	0.00	3.88	3.88	0.12	2.00	0.02	12/11/2025	11:00
2	Q3783-01	4.16	1	4.00	0.00	1.56	1.56	2.44	2.00	0.30	12/11/2025	11:05
3	Q3783-01DUP	4.07	1	4.00	0.00	1.54	1.54	2.46	2.00	0.31	12/11/2025	11:10

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

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

**Instrument ID:** GRAVIMETRIC

**Daily Analysis Runlog For Sequence/QC Batch ID # LB138202**

Review By	Iwona	Review On	12/11/2025 3:54:01 PM
Supervise By	jignesh	Supervise On	12/11/2025 4:27:33 PM
SubDirectory	LB138202	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	WP114803,WP116083,W3184,W3149,W3185,W3262		

Sr#	SampleID	ClientID	QcType	Date	Comment	Operator	Status
1	LB138202BL	LB138202BL	MB	12/11/25 11:00		Iwona	OK
2	Q3783-01	LOT#12015	SAM	12/11/25 11:05		Iwona	OK
3	Q3783-01DUP	LOT#12015DUP	DUP	12/11/25 11:10		Iwona	OK



# SHIPPING DOCUMENTS



Q 3783

December 01, 2025

CHEMTECH LABORATORIES  
284 Sheffield Street  
Mountainside, NJ 07092

Enclosed: One (1) can of Bag Balm ointment with the following Lot #: 12015

Required: Test to determine the amount of  
8-Hydroxyquinoline Sulfate.

Sincerely,  
Vermont's Original, LLC  
Mark Perkins  
Director, Manufacturing Operations and Plant Manager  
802-626-5327  
[mperkins@bagbalm.com](mailto:mperkins@bagbalm.com)  
[ap@bagbalm.com](mailto:ap@bagbalm.com)

Fed Ex

12/4/25

1325

$9.3^{\circ}\text{C} + 0 = 9.3^{\circ}\text{C}$

IR (mw #)

### Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312