

## 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>	Q3035	<b>OrderDate:</b>	9/5/2025 1:09:00 PM
<b>Client:</b>	Vermont's Original, LLC	<b>Project:</b>	Finished Product
<b>Contact:</b>	Mark Perkins	<b>Location:</b>	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3035-01	LOT-P90	SOIL			09/02/25 12:00			09/05/25
			8-Hydroxyquinoline sulfate	Chemtech -SOP			09/18/25 10:40	



# SAMPLE DATA

## Report of Analysis

Client:	Vermont's Original, LLC	Date Collected:	09/02/25 12:00
Project:	Finished Product	Date Received:	09/05/25
Client Sample ID:	LOT-P90	SDG No.:	Q3035
Lab Sample ID:	Q3035-01	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
8-Hydroxyquinoline sulfate	0.31		1	0	0	mg/Kg		09/18/25 10:40	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.:** Q3035

**Project:** Finished Product

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: <b>LB137220BL</b>							
8-Hydroxyquinoline sul	mg/Kg	0.01	0.0000		0	0	09/18/2025

## Duplicate Sample Summary

<b>Client:</b> Vermont's Original, LLC <b>Project:</b> Finished Product <b>Client ID:</b> LOT-P90DUP	<b>SDG No.:</b> Q3035 <b>Sample ID:</b> Q3035-01 <b>Percent Solids for Spike Sample:</b> 100
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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	0.31		0.30		1	3.28		09/18/2025



# RAW DATA



Analysis Method: Chemtech -SOP

ANALYST: Iwona  
SUPERVISOR REVIEW BY: JIGNESH

Parameter: 8-Hydroxyquinoline sulfate

Constant: 16000

Run Number: LB137220

BalanceID: SC WC-7

Time IN: 09:50

Time OUT: 10:15

Date IN: 09/18/2025

Date OUT: 09/18/2025

Temp (°C) IN: 70

Temp (°C) OUT: 72

Reagent/Standard	Lot/Log #
HCL 10%	WP114803
KI solution for Bag Balm, 10%	WP113115
SODIUM THIOSULFATE, 0.1N, 1 LITER	W3184
Starch Solution, 4L	W3149
Potassium Bromate, 0.1 N, 4 Litre	W3185
Hexane, Ultra-Resi (cs/4x4L)	W3240

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	LB137220BL	4.00	1	4.00	0.00	3.94	3.94	0.06	2.00	0.01	09/18/2025	10:35
2	Q3035-01	4.07	1	4.00	0.00	1.54	1.54	2.46	2.00	0.31	09/18/2025	10:40
3	Q3035-01DUP	4.12	1	4.00	0.00	1.60	1.60	2.40	2.00	0.30	09/18/2025	10:45

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

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

WORKLIST(Hardcopy Internal Chain)

LB137220

WorkList Name : 8-HYDRO-091825

WorkList ID : 191934

Department : Wet-Chemistry

Date : 09-18-2025 09:27:31

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3035-01	LOT-P90	Solid	8-Hydroxyquinoline sulfate	Cool 4 deg C	DAIR01	D31	09/02/2025	Chemtech -SO

Date/Time 09/18/25 09:30  
Raw Sample Received by: 12(wc)  
Raw Sample Relinquished by: 12(wc)

Date/Time 09/18/25 11:05  
Raw Sample Received by: 12(wc)  
Raw Sample Relinquished by: 12(wc)

**Instrument ID:** GRAVIMETRIC

**Daily Analysis Runlog For Sequence/QC Batch ID # LB137220**

Review By	Iwona	Review On	9/18/2025 11:58:07 AM
Supervise By	JIGNESH	Supervise On	9/18/2025 11:59:21 AM
SubDirectory	LB137220	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,WP113115,W3184,W3149,W3185,W3240		

Sr#	SampleID	ClientID	QcType	Date	Comment	Operator	Status
1	LB137220BL	LB137220BL	MB	09/18/25 10:35		Iwona	OK
2	Q3035-01	LOT-P90	SAM	09/18/25 10:40		Iwona	OK
3	Q3035-01DUP	LOT-P90DUP	DUP	09/18/25 10:45		Iwona	OK



# SHIPPING DOCUMENTS



Q3035

September 02, 2025

CHEMTECH LABORATORIES  
284 Sheffield Street  
Mountainside, NJ 07092

Enclosed: One (1) can of Bag Balm ointment with the following Lot #: P90

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)

*ap*  
9/5/25  
13:00  
25.1

### 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