

## **DATA PACKAGE**

GENERAL CHEMISTRY

**PROJECT NAME : FINISHED PRODUCT**

**VERMONT'S ORIGINAL, LLC**

**135 Allen Brook Lane**

**Suite 101**

**Williston, VT - 05495**

**Phone No: 802-626-3610**

**ORDER ID : Q1971**

**ATTENTION : Mark Perkins**



**Laboratory Certification ID # 20012**



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## Cover Page

**Order ID :** Q1971

**Project ID :** Finished Product

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

**Lab Sample Number**

Q1971-01

**Client Sample Number**

LOT-18995121

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 9:41 am, May 19, 2025*

Date: 5/19/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

## **CASE NARRATIVE**

**Vermont's Original, LLC**

**Project Name: Finished Product**

**Project # N/A**

**Order ID # Q1971**

**Test Name: 8-Hydroxyquinoline sulfate**

### **A. Number of Samples and Date of Receipt:**

1 Solid sample was received on 05/07/2025.

### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: 8-Hydroxyquinoline sulfate. This data package contains results for 8-Hydroxyquinoline sulfate.

### **C. Analytical Techniques:**

The analysis of 8-Hydroxyquinoline sulfate was based on method Chemtech -SOP.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

### **E. Additional Comments:**

The time of sampling was not listed in the COC.

The temperature of the samples at the time of receipt was 10.1°C.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 9:41 am, May 19, 2025*

## 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

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q1971

Completed

For thorough review, the report must have the following:

#### GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

#### COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

#### CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 05/19/2025



# SAMPLE DATA

## Report of Analysis

Client:	Vermont's Original, LLC	Date Collected:	05/01/25 12:00
Project:	Finished Product	Date Received:	05/07/25
Client Sample ID:	LOT-18995121	SDG No.:	Q1971
Lab Sample ID:	Q1971-01	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		05/16/25 10:45	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



LAB CHRONICLE

OrderID:	Q1971	OrderDate:	5/7/2025 12:18:00 PM
Client:	Vermont's Original, LLC	Project:	Finished Product
Contact:	Mark Perkins	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1971-01	LOT-18995121	SOIL			05/01/25 12:00			05/07/25
			8-Hydroxyquinoline sulfate	Chemtech -SOP			05/16/25 10:45	



# SHIPPING DOCUMENTS



Q1971

May 01, 2025

CHEMTECH LABORATORIES  
284 Sheffield Street  
Mountainside, NJ 07092

Enclosed: One (1) tube of Bag Balm ointment with the following Lot #:  
18995121

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)

5/7/25

12:15

ZD-Gun #1

Adjust factor +1

10.1

### 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