

DATA REPORTING QUALIFIERS- INORGANIC

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

J	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).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	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
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

LAB CHRONICLE

OrderID: Q3548
Client: Vermont's Original, LLC
Contact: Mark Perkins

OrderDate: 11/5/2025 12:23:00 PM
Project: Finished Product
Location: A12

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3548-01	LOT#:110/35	SOIL			11/03/25 12:00			11/05/25
			8-Hydroxyquinoline sulfate	Chemtech -SOP			11/14/25 10:55	



SAMPLE DATA

Report of Analysis

Client: Vermont's Original, LLC
Project: Finished Product
Client Sample ID: LOT#:110/35
Lab Sample ID: Q3548-01

Date Collected: 11/03/25 12:00
Date Received: 11/05/25
SDG No.: Q3548
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		11/14/25 10:55	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.: Q3548

Project: Finished Product

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137897BL							
8-Hydroxyquinoline sul	mg/Kg	0.02	0.0000		0	0	11/14/2025

Duplicate Sample Summary

Client:	Vermont's Original, LLC	SDG No.:	Q3548
Project:	Finished Product	Sample ID:	Q3548-01
Client ID:	LOT#:110/35DUP	Percent Solids for Spike Sample:	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		0.30		1	0		11/14/2025



RAW DATA

Analysis Method: Chemtech -SOP

Parameter: 8-Hydroxyquinoline sulfate

Run Number: LB137897

Time IN: 10:00

Date IN: 11/14/2025

Temp (°C) IN: 68

ANALYST: Iwona

SUPERVISOR REVIEW BY: JIGNESH

Constant: 16000

BalanceID: SC WC-7

Time OUT: 10:25

Date OUT: 11/14/2025

Temp (°C) OUT: 71

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	LB137897BL	4.00	1	4.00	0.00	3.84	3.84	0.16	2.00	0.02	11/14/2025	10:50
2	Q3548-01	4.14	1	4.00	0.00	1.52	1.52	2.48	2.00	0.30	11/14/2025	10:55
3	Q3548-01DUP	4.05	1	4.00	0.00	1.62	1.62	2.38	2.00	0.30	11/14/2025	11:00

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

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

WORKLIST(Hardcopy Internal Chain)

LB137897

WorkList Name : 8-HYDRO-111425

WorkList ID : 193118

Department : Wet-Chemistry

Date : 11-14-2025 09:29:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3548-01	LOT#:110/35	Solid	8-Hydroxyquinoline sulfate	Cool 4 deg C	DAIR01	A12	11/03/2025	Chemtech -SO

Date/Time 11/14/25 09:35
Raw Sample Received by: 126207
Raw Sample Relinquished by: [Signature]

Date/Time 11/14/25 11:15
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: 126207

Instrument ID: GRAVIMETRIC

Daily Analysis Runlog For Sequence/QC Batch ID # LB137897

Review By	Iwona	Review On	11/14/2025 11:19:47 AM
Supervise By	JIGNESH	Supervise On	11/14/2025 11:22:31 AM
SubDirectory	LB137897	Test	8-Hydroxyquinoline sulfate
STD. NAME	STD REF.#		
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	LB137897BL	LB137897BL	MB	11/14/25 10:50		Iwona	OK
2	Q3548-01	LOT#:110/35	SAM	11/14/25 10:55		Iwona	OK
3	Q3548-01DUP	LOT#:110/35DUP	DUP	11/14/25 11:00		Iwona	OK



SHIPPING DOCUMENTS

Q 3548

Temp 20.5 + 0 = 20.5



12:00 PM
11-5-25
JF

November 03, 2025

CHEMTECH LABORATORIES
284 Sheffield Street
Mountainside, NJ 07092

Enclosed: One (1) can of Bag Balm ointment with the following Lot #: 110/35

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

ap@bagbalm.com

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