



CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

PRODUCT NAME Ruby Grapefruit THC Seltzer

BULK SKU SLZ.D9.GF10.6PK **BATCH #** CF033 OLCC

SERVING SIZE 2.4 fl oz (71mL) 5 servings per can

LABORATORY SC Laboratories Oregon, Anresco^[1]

POTENCY	PER SERVING		PER GRAM	
Cannabidiol (CBD)	1.99	mg/serving	0.0278	mg/g
Total THC (d9-THC, THCA)	1.92	mg/serving	0.0268	mg/g
Cannabigerol (CBG)	<LOQ	mg/serving	<LOQ	mg/g
Cannabinol (CBN)	<LOQ	mg/serving	<LOQ	mg/g
Cannabichromene (CBC)	<LOQ	mg/serving	<LOQ	mg/g
Tetrahydrocannabinolic Acid (THCA)	<LOQ	mg/serving	<LOQ	mg/g
Delta-9-THC (d9-THC)	1.92	mg/serving	0.0268	mg/g
Delta-8-THC (d8-THC)	<LOQ	mg/serving	<LOQ	mg/g

HEAVY METALS	PER GRAM		REGULATORY ACTION LEVEL
Arsenic	<LOQ	µg/g	1.5 µg/g
Cadmium	<LOQ	µg/g	0.5 µg/g
Lead	<LOQ	µg/g	0.5 µg/g
Mercury	<LOQ	µg/g	3.0 µg/g

RESIDUAL SOLVENTS	PER GRAM		REGULATORY ACTION LEVEL
Ethanol ^[2]	4100	µg/g	5,000 µg/g
Heptane	<LOQ	µg/g	5,000 µg/g

None of the other residual solvents tested were found above the regulatory action level.

MICROBIAL	PASS/FAIL
Yeast & Mold	Pass
Total Aerobic Bacteria	Pass

PESTICIDES

None of the 50+ pesticides tested were found above the regulatory limits.

Laboratory information
 Anresco Laboratories
 1375 Van Dyke Ave, San Francisco, CA 94124
 ISO/IEC 17025:2017 accreditation ANAB AT-1551
 SC Laboratories Oregon LLC
 15865 SW 74th Ave, Suite 110, Tigard, OR 97224
 ORELAP accreditation 4133-012



LOQ: Limit of Quantitation

- Lab results for cannabinoid concentration are conducted in accordance with Oregon state law. Lab results for other panels including but not limited to heavy metals, residual solvents, microbials, and pesticides are conducted and reported for the purposes of general product safety information and for meeting requirements in jurisdictions other than Oregon (such results as they appear on this certificate of analysis are not gathered and reported in a manner compliant with Oregon state law).
- Ethanol is a food additive used in some of our ingredients. The FDA has labeled ethanol as Generally Recognized as Safe (GRAS). Many foods contain trace amounts of ethanol, including soy sauce, pasta sauces, fruits and juices, etc. Our products contain safe levels of ethanol and always below pertinent regulatory action levels.

Sample Name: **SLZ.D9.GF10.24LP-CF033 OLCC Primary**

Tested for: **Lazarus Naturals-Oregon
 Hemp Compliance**

Laboratory ID: 26H0116-03

Matrix: Products

Sample Metrc ID: 2

Lot # CF033

Batch RFID: N/A

Batch Size: 94 (ea)

Process Date: 5/16/2026

License: NA

Date Sampled: 08/26/26 12:54

Date Accepted: 08/26/26



Potency Analysis

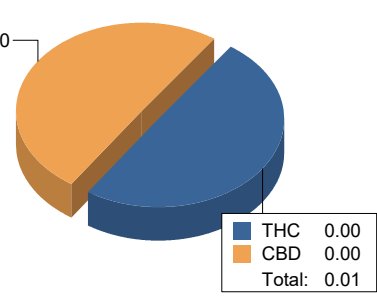
Date Extracted: 08/27/26

Date Analyzed: 08/28/26

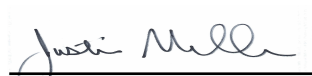
Analysis Method: UNODC 5.4.8

* - ORELAP certified analyte

	Primary mg/g	Duplicate mg/g	Average mg/g	% RPD	Pass/Fail (<10%RPD)
Total THC ((THCA*0.877)+d9)	0.0270	0.0270	0.0270	0	NA
Total CBD ((CBDA*0.877)+CBD)	0.0280	0.0270	0.0275	3.64	NA
d9-THC (d9-Tetrahydrocannabinol)*	0.0270	0.0270	0.0270	0	NA
d8-THC (d8-Tetrahydrocannabinol)*	< LOQ	< LOQ	< LOQ	NA	NA
THCA (d9-Tetrahydrocannabinolic Acid)*	< LOQ	< LOQ	< LOQ	NA	NA
Total Cannabinoids	0.0550	0.0540	0.0545	1.83	NA

Cannabinoids	% weight	mg/g	LOQ (%)	Cannabinoids Profile
Total THC ((THCA*0.877)+d9)	0.0027	0.0270	0.00008	
Total CBD ((CBDA*0.877)+CBD)	0.0028	0.0280	0.00008	
d9-THC (d9-Tetrahydrocannabinol)*	0.0027	0.0270	0.00008	
d8-THC (d8-Tetrahydrocannabinol)*	< LOQ	< LOQ	0.00008	
THCA (d9-Tetrahydrocannabinolic Acid)*	< LOQ	< LOQ	0.00008	
CBD (Cannabidiol)*	0.0028	0.0280	0.00008	
CBDA (Cannabidiolic Acid)*	< LOQ	< LOQ	0.00008	
CBN (Cannabinol)	< LOQ	< LOQ	0.00008	
CBG (Cannabigerol)	< LOQ	< LOQ	0.00008	
CBGA (Cannabigerolic Acid)	< LOQ	< LOQ	0.00008	
CBDV (Cannabidivarin)	< LOQ	< LOQ	0.00008	
CBDVA (Cannabidivarinic Acid)	< LOQ	< LOQ	0.00008	
CBC (Cannabichromene)	< LOQ	< LOQ	0.0002	
CBCA (Cannabichromenic Acid)	< LOQ	< LOQ	0.0012	
THCV (Tetrahydrocannabivarin)	< LOQ	< LOQ	0.00008	
THCVA (Tetrahydrocannabivarinic Acid)	< LOQ	< LOQ	0.0012	
Total Cannabinoids	0.0055	0.0550	0.00008	

<LOQ - Results below the Limit of Quantitation



Justin Miller For Breeanna Hamilton
 Lab Director

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Sample Name: **SLZ.D9.GF10.24LP-CF033 OLCC Duplicate**
 Tested for: **Lazarus Naturals-Oregon**
Hemp Compliance

Laboratory ID: 26H0116-04

Matrix: Products

Sample Metrc ID: 2

Lot # CF033

Batch RFID: N/A

Batch Size: 94 (ea)

Process Date: 5/16/2026

License: NA

Date Sampled: 08/26/26 12:56

Date Accepted: 08/26/26

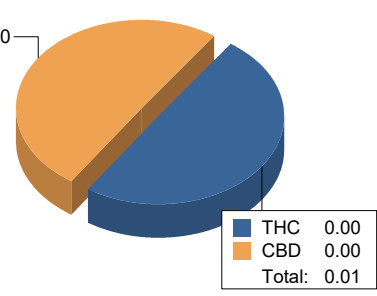
Potency Analysis

Date Extracted: 08/27/26

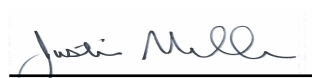
Analysis Method: UNODC 5.4.8

Date Analyzed: 08/28/26

* - ORELAP certified analyte

Cannabinoids	% weight	mg/g	LOQ (%)	Cannabinoids Profile
Total THC ((THCA*0.877)+d9)	0.0027	0.0270	0.00008	
Total CBD ((CBDA*0.877)+CBD)	0.0027	0.0270	0.00008	
d9-THC (d9-Tetrahydrocannabinol)*	0.0027	0.0270	0.00008	
d8-THC (d8-Tetrahydrocannabinol)*	< LOQ	< LOQ	0.00008	
THCA (d9-Tetrahydrocannabinolic Acid)*	< LOQ	< LOQ	0.00008	
CBD (Cannabidiol)*	0.0027	0.0270	0.00008	
CBDA (Cannabidiolic Acid)*	< LOQ	< LOQ	0.00008	
CBN (Cannabinol)	< LOQ	< LOQ	0.00008	
CBG (Cannabigerol)	< LOQ	< LOQ	0.00008	
CBGA (Cannabigerolic Acid)	< LOQ	< LOQ	0.00008	
CBDV (Cannabidivarin)	< LOQ	< LOQ	0.00008	
CBDVA (Cannabidivarinic Acid)	< LOQ	< LOQ	0.00008	
CBC (Cannabichromene)	< LOQ	< LOQ	0.0002	
CBCA (Cannabichromenic Acid)	< LOQ	< LOQ	0.0012	
THCV (Tetrahydrocannabivarin)	< LOQ	< LOQ	0.00008	
THCVA (Tetrahydrocannabivarinic Acid)	< LOQ	< LOQ	0.0012	
Total Cannabinoids	0.0054	0.0540	0.00008	

<LOQ - Results below the Limit of Quantitation


 Justin Miller For Breeanna Hamilton
 Lab Director

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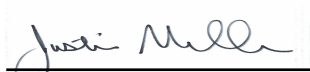
Quality Control Potency

Batch: B262888 - Potency/Terpenes

Blank(B262888-BLK1)			Extracted - 08/27/26 13:53 Analyzed - 08/28/26 2:10					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
d9-THC (d9-Tetrahydrocannabinol)	< LOQ	%						
d8-THC (d8-Tetrahydrocannabinol)	< LOQ	%						
THCA (d9-Tetrahydrocannabinolic Acid)	< LOQ	%						
CBD (Cannabidiol)	< LOQ	%						
CBDA (Cannabidiolic Acid)	< LOQ	%						
CBN (Cannabinol)	< LOQ	%						
CBG (Cannabigerol)	< LOQ	%						
CBGA (Cannabigerolic Acid)	< LOQ	%						
CBDV (Cannabidivarin)	< LOQ	%						
CBDVA (Cannabidivarinic Acid)	< LOQ	%						
CBC (Cannabichromene)	< LOQ	%						
CBCA (Cannabichromenic Acid)	< LOQ	%						
THCV (Tetrahydrocannabivarin)	< LOQ	%						
THCVA (Tetrahydrocannabivarinic Acid)	< LOQ	%						

Duplicate(B262888-DUP1)			Extracted - 08/27/26 13:53 Analyzed - 08/28/26 2:19					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
d9-THC (d9-Tetrahydrocannabinol)	0.001	%		0.001			7.17	20
d8-THC (d8-Tetrahydrocannabinol)	< LOQ	%		< LOQ				20
THCA (d9-Tetrahydrocannabinolic Acid)	< LOQ	%		< LOQ				20
CBD (Cannabidiol)	0.003	%		0.003			0.773	20
CBDA (Cannabidiolic Acid)	< LOQ	%		< LOQ				20
CBN (Cannabinol)	0.00002	%		0.00002			3.10	20
CBG (Cannabigerol)	0.00005	%		0.00005			13.0	20
CBGA (Cannabigerolic Acid)	< LOQ	%		< LOQ				20
CBDV (Cannabidivarin)	< LOQ	%		< LOQ				20
CBDVA (Cannabidivarinic Acid)	< LOQ	%		< LOQ				20
CBC (Cannabichromene)	< LOQ	%		< LOQ				20
CBCA (Cannabichromenic Acid)	< LOQ	%		< LOQ				20
THCV (Tetrahydrocannabivarin)	< LOQ	%		< LOQ				20
THCVA (Tetrahydrocannabivarinic Acid)	< LOQ	%		< LOQ				20

LCS(B262888-BS1)			Extracted - 08/27/26 13:53 Analyzed - 08/27/26 20:34					
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
d9-THC (d9-Tetrahydrocannabinol)	0.024	%	0.0249		97.6	90-110		


 Justin Miller For Breeanna Hamilton
 Lab Director

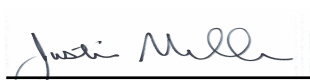
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Quality Control

Potency (Continued)

Batch: B262888 - Potency/Terpenes (Continued)

LCS(B262888-BS1)		Extracted - 08/27/26 13:53 Analyzed - 08/27/26 20:34						
Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
d8-THC (d8-Tetrahydrocannabinol)	0.028	%	0.0277		102	90-110		
THCA (d9-Tetrahydrocannabinolic Acid)	0.025	%	0.0261		97.1	90-110		
CBD (Cannabidiol)	0.030	%	0.0311		96.7	90-110		
CBDA (Cannabidiolic Acid)	0.033	%	0.0327		101	90-110		
CBN (Cannabinol)	0.0008	%				80-120		
CBG (Cannabigerol)	0.001	%				80-120		
CBGA (Cannabigerolic Acid)	0.0006	%				80-120		
CBDV (Cannabidivarin)	0.0004	%				80-120		
CBDVA (Cannabidivarinic Acid)	0.0003	%				80-120		
CBC (Cannabichromene)	< LOQ	%				80-120		
CBCA (Cannabichromenic Acid)	< LOQ	%				80-120		
THCV (Tetrahydrocannabivarin)	0.0002	%				80-120		
THCVA (Tetrahydrocannabivarinic Acid)	< LOQ	%				80-120		



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Client: Lazarus Naturals Sampler: Scott Forster Event ID: 26H0116 Balance ID: SAMP_BAL_05

Address Where Sampled: 17711 NE Riverside Pkwy, Portland, OR 97230 Transporter: Scott Forster Date Sampled: 8/26/2026

Client License: NA Preservation: Time Sampled: 12:00 Sampling SOP: SC-OR-SAMP-002 rev. 1.03

Requestor: Brian C

Lab ORELAP ID: 4133 Lab OLCC ID: 010-1018619A26E

Scott Forster

Sampler Signature



Weight used (g)	Weight Set ID	Acceptance Criteria	Initial Measured	Initial P/F	Final Measured	Final P/F
0.5	SAMP_CAL_01	±2.5%	NA	#VALUE!	NA	#VALUE!
200		±2.5%	NA		NA	

Container Type	Harvest or Process Lot:			Sample Type	Client Sample Name	Harvest or Process Date	Batch Size (g)
pallet stacks	CF036			Product	SLZ.D9.BC5.24LP-CF036 OLCC	6/19/2026	562
METRC Batch ID	# of Containers	Sampling Media		# Zones	# of Inc.	1" Sample (g)	Sample Name
CF036 OLCC	2	mylar bag		4	1	1	SLZ.D9.BC5.24LP-CF036 OLCC Primary
Lab Sample ID	Container ID		Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
26H0116-01	SLZ.D9.BC5.24LP-CF036 OLCC		B4	0	1	1	0-NA
Totals:	1			1	Total Primary Mass = 1		Primary + Duplicate Mass = 2 g
Observations and Abnormalities:	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date
METRC Batch ID	# of Containers	Sampling Media		# Zones	# of Inc.	1" Sample (g)	Sample Name
CF036 OLCC	2	mylar bag		4	1	1	SLZ.D9.BC5.24LP-CF036 OLCC Duplicate
Lab Sample ID	Container ID		Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
26H0116-02	SLZ.D9.BC5.24LP-CF036 OLCC		A4	0	1	1	0-NA
Totals:	1			1	Total Duplicate Mass = 1		Primary + Duplicate Mass = 2 g
Observations and Abnormalities:	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date

Container Type	Harvest or Process Lot:			Sample Type	Client Sample Name	Harvest or Process Date	Batch Size (g)
pallet stacks	CF033			Product	SLZ.D9.GF10.24LP-CF033 OLCC	5/16/2026	94
METRC Batch ID	# of Containers	Sampling Media		# Zones	# of Inc.	1" Sample (g)	Sample Name
CF033 OLCC	1	mylar bag		4	1	1	SLZ.D9.GF10.24LP-CF033 OLCC Primary
Lab Sample ID	Container ID		Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
26H0116-03	SLZ.D9.GF10.24LP-CF033 OLCC		A4	0	1	1	0-NA
Totals:	1			1	Total Primary Mass = 1		Primary + Duplicate Mass = 2 g
Observations and Abnormalities:	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date
METRC Batch ID	# of Containers	Sampling Media		# Zones	# of Inc.	1" Sample (g)	Sample Name
CF033 OLCC	1	mylar bag		4	1	1	SLZ.D9.GF10.24LP-CF033 OLCC Duplicate
Lab Sample ID	Container ID		Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#
26H0116-04	SLZ.D9.GF10.24LP-CF033 OLCC		A2	0	1	1	0-NA
Totals:	1			1	Total Duplicate Mass = 1		Primary + Duplicate Mass = 2 g
Observations and Abnormalities:	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date

Container Type	Harvest or Process Lot:			Sample Type	Client Sample Name	Harvest or Process Date	Batch Size (g)
pallet stacks	15118CF381			Product	SLZ.D9.CH10.6PK-15118CF381 OLCC	2/5/2026	64
METRC Batch ID	# of Containers	Sampling Media		# Zones	# of Inc.	1" Sample (g)	Sample Name
15118CF381 OLCC	1	mylar bag		4	1	1	SLZ.D9.CH10.6PK-15118CF381 OLCC Primary
Lab Sample ID	Container ID	Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#	
26H0116-05	SLZ.D9.CH10.6PK-15118CF381 OLCC	A2	0	1	1	0-NA	
Totals:			1	1	Total Primary Mass = 1		Primary + Duplicate Mass = 2 g
Observations and Abnormalities:	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date
METRC Batch ID	# of Containers	Sampling Media		# Zones	# of Inc.	1" Sample (g)	Sample Name
15118CF381 OLCC	1	mylar bag		4	1	1	SLZ.D9.CH10.6PK-15118CF381 OLCC Duplicate
Lab Sample ID	Container ID	Increment Zone	Sampling Media Wt. (g)	Wt. Inc+Media (g)	Increment Weight (g)	Sample METRC ID#	
26H0116-06	SLZ.D9.CH10.6PK-15118CF381 OLCC	A4	0	1	1	0-NA	
Totals:			1	1	Total Duplicate Mass = 1		Primary + Duplicate Mass = 2 g
Observations and Abnormalities:	Batch #	Equipment	Cont. Types/Sizes	Uniform	Plant Colors	Shape and Size	Sampling Plan ID & Rev. Date

ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124
DEA# PA0202945

CUSTOMER:

Lazarus Naturals
Attn: Sequoia Price-Lazarus/Evan
1116 NW 51st Street
Seattle, WA 98107



SAMPLE INFORMATION

Sample No.: 1412850
Product Name: SLZ.D9.GF10.6PK-CF033
Matrix: Edible (Carbonated Beverage)
Lot #: CF033

Date Collected: 05/15/2026
Date Received: 05/18/2026
Date Reported: 05/22/2026

TEST SUMMARY

Cannabinoid Profile: ✔ Tested
Microbiological Screen: ✔ Pass
Residual Solvent Screen: ✔ Pass
Foreign Material: ✔ Pass

Terpenoid Profile: ✔ Tested
Pesticide Residue Screen: ✔ Pass
Heavy Metal Screen: ✔ Pass
Mycotoxin Screen: ✔ Pass

Cannabinoid Profile ✔ Tested

05/20/2026

Method: MF-CHEM-15
Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)
Limit of Detection: 0.0008 mg/g
Limit of Quantitation: 0.0025 mg/g
Measurement of Uncertainty Average: ±6.3%

Cannabinoid	mg/g	%	mg/ml	mg/serving	mg/package	Labeled mg/serving	% Difference
Δ8-THC	ND	ND	ND	ND	ND	-	-
Δ9-THC	0.0264	0.00264	0.0266	4.74	9.48	5	5.21
Δ9-THCA	ND	ND	ND	ND	ND	-	-
THCV	ND	ND	ND	ND	ND	-	-
THCVA	ND	ND	ND	ND	ND	-	-
CBD	0.0281	0.00281	0.0283	5.04	10.09	5	0.90
CBDA	ND	ND	ND	ND	ND	-	-
CBC	ND	ND	ND	ND	ND	-	-
CBCA	ND	ND	ND	ND	ND	-	-
CBDV	ND	ND	ND	ND	ND	-	-
CBG	ND	ND	ND	ND	ND	-	-
CBGA	ND	ND	ND	ND	ND	-	-
CBN	ND	ND	ND	ND	ND	-	-
Exo-THC	ND	ND	ND	ND	ND	-	-
(6aR,9R)-Δ10-THC	ND	ND	ND	ND	ND	-	-
(6aR,9S)-Δ10-THC	ND	ND	ND	ND	ND	-	-
9(R)-Hexahydrocannabinol	ND	ND	ND	ND	ND	-	-
9(S)-Hexahydrocannabinol	ND	ND	ND	ND	ND	-	-
Δ8-THC-O-Acetate	ND	ND	ND	ND	ND	-	-
Δ9-THC-O-Acetate	ND	ND	ND	ND	ND	-	-
THC-O-Phosphate	NT	NT	NT	NT	NT	-	-
Total THC	0.0264	0.00264	0.0266	4.74	9.48	-	-
Total CBD	0.0281	0.00281	0.0283	5.04	10.09	-	-
Total Cannabinoids	0.0545	0.00545	0.0550	9.78	19.57	-	-
Sum of Cannabinoids	0.0545	0.00545	0.0550	9.78	19.57	-	-
Serving Weight (g)	179.5308						
Package Weight (g)	359.0616						
g/ml Conversion Factor	1.0086						

Total THC = Δ9-THC + (0.877 * THCA)
Total CBD = CBD + (0.877 * CBDA)

Total Cannabinoids = Σ (neutral cannabinoids) + $[0.877 * \Sigma$ (acidic cannabinoids)]

Terpenoid Profile

05/20/2026

Method: MF-CHEM-17

Instrument: Gas Chromatography Mass Spectrometry (GC/MS)

Terpene	LOD/LOQ (mg/g)	mg/g	%
α -Pinene	0.009/0.025	ND	ND
Camphene	0.009/0.025	ND	ND
β -Myrcene	0.009/0.025	ND	ND
β -Pinene	0.009/0.025	ND	ND
δ -3-Carene	0.009/0.025	ND	ND
Limonene	0.009/0.025	ND	ND
α -Terpinene	0.009/0.025	ND	ND
trans-beta-Ocimene	0.006/0.01725	ND	ND
cis-beta-Ocimene	0.003/0.00775	ND	ND
p-Cymene	0.009/0.025	ND	ND
Eucalyptol	0.009/0.025	ND	ND
γ -Terpinene	0.009/0.025	ND	ND
Terpinolene	0.009/0.025	ND	ND
Linalool	0.009/0.025	ND	ND
Isopulegol	0.009/0.025	ND	ND
Menthol	0.009/0.025	ND	ND
(-)-Borneol	0.009/0.025	ND	ND
Terpineol	0.009/0.025	ND	ND
Citronellol	0.009/0.025	ND	ND
Geraniol	0.009/0.025	ND	ND
β -Caryophyllene	0.009/0.025	ND	ND
α -Humulene	0.009/0.025	ND	ND
cis-Nerolidol	0.004/0.01025	ND	ND
trans-Nerolidol	0.005/0.01475	ND	ND
Guaiol	0.009/0.025	ND	ND
Caryophyllene Oxide	0.009/0.025	ND	ND
α -Bisabolol	0.009/0.025	ND	ND
Total Terpenes	-	ND	ND

Microbiological Screen ✓ Pass

05/21/2026

Instrument: Molecular Detection System

Analyte	Findings	Units	Instrument	Method	Limit	Status
Coliforms	0/10	cfu/g	-	FDA BAM - ECC Agar	Not Detected	Pass
E. coli	Negative	/1g	-	FDA BAM Modified	Not Detected	Pass
Standard Plate Count	0/10	cfu/g	-	FDA BAM	100,000	Pass
Total Yeast and Mold	<1	cfu/g	-	AOAC 2014.05	10,000	Pass
Bile-Tolerant Gram Negative Bacteria	<1	cfu/g	-	AOAC 2003.01	1,000	Pass
STEC	Not Detected	/25g	-	MF-MICRO-18	1.0	Pass
Aspergillus flavus	Not Detected	/25g	-	MF-MICRO-14	1.0	Pass
Aspergillus fumigatus	Not Detected	/25g	-	MF-MICRO-14	1.0	Pass
Aspergillus niger	Not Detected	/25g	-	MF-MICRO-14	1.0	Pass
Aspergillus terreus	Not Detected	/25g	-	MF-MICRO-14	1.0	Pass
Salmonella	Not Detected	/25g	Molecular Detection System	MF-MICRO-11 (AOAC 2016.01)	-	-

Pesticide Residue Screen ✓ Pass

05/22/2026

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

Measurement of Uncertainty

Average: $\pm 21.40\%$

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Abamectin	0.015/0.05	ND	0.05	Pass
Acephate	0.003/0.01	ND	0.01	Pass
Acequinocyl	0.003/0.01	ND	0.01	Pass
Acetamiprid	0.003/0.01	ND	0.01	Pass
Aldicarb	0.003/0.01	ND	0.01	Pass
Azoxystrobin	0.003/0.01	ND	0.01	Pass
Bifenazate	0.003/0.01	ND	0.01	Pass
Bifenthrin	0.003/0.01	ND	0.01	Pass
Boscalid	0.003/0.01	ND	0.01	Pass

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Captan	0.250/0.7	ND	0.7	Pass
Carbaryl	0.003/0.01	ND	0.01	Pass
Carbofuran	0.003/0.01	ND	0.01	Pass
Chlorantraniliprole	0.003/0.01	ND	0.01	Pass
Chlordane	0.020/0.06	ND	0.06	Pass
Chlorfenapyr	0.015/0.05	ND	0.05	Pass
Chlorpyrifos	0.003/0.01	ND	0.01	Pass
Clofentezine	0.003/0.01	ND	0.01	Pass
Coumaphos	0.003/0.01	ND	0.01	Pass
Cyfluthrin	0.015/0.05	ND	0.05	Pass
Cypermethrin	0.015/0.05	ND	0.05	Pass
Daminozide	0.003/0.01	ND	0.01	Pass
DDVP (Dichlorvos)	0.003/0.01	ND	0.01	Pass
Diazinon	0.003/0.01	ND	0.01	Pass
Dimethoate	0.003/0.01	ND	0.01	Pass
Dimethomorph	0.003/0.01	ND	0.01	Pass
Ethoprop(hos)	0.003/0.01	ND	0.01	Pass
Etofenprox	0.003/0.01	ND	0.01	Pass
Etoazole	0.003/0.01	ND	0.01	Pass
Fenhexamid	0.007/0.02	ND	0.02	Pass
Fenoxycarb	0.003/0.01	ND	0.01	Pass
Fenpyroximate	0.007/0.02	ND	0.02	Pass
Fipronil	0.003/0.01	ND	0.01	Pass
Flonicamid	0.003/0.01	ND	0.01	Pass
Fludioxonil	0.003/0.01	ND	0.01	Pass
Hexythiazox	0.003/0.01	ND	0.01	Pass
Imazalil	0.003/0.01	ND	0.01	Pass
Imidacloprid	0.003/0.01	ND	0.01	Pass
Kresoxim Methyl	0.003/0.01	ND	0.01	Pass
Malathion	0.003/0.01	ND	0.01	Pass
Metalaxyl	0.003/0.01	ND	0.01	Pass
Methiocarb	0.003/0.01	ND	0.01	Pass
Methomyl	0.003/0.01	ND	0.01	Pass
Methyl parathion	0.003/0.01	ND	0.01	Pass
Mevinphos	0.007/0.02	ND	0.02	Pass
Myclobutanil	0.003/0.01	ND	0.01	Pass
Naled	0.003/0.01	ND	0.01	Pass
Oxamyl	0.003/0.01	ND	0.01	Pass
Paclobutrazol	0.003/0.01	ND	0.01	Pass
Pentachloronitrobenzene	0.003/0.01	ND	0.01	Pass
Permethrins	0.015/0.05	ND	0.05	Pass
Phosmet	0.003/0.01	ND	0.01	Pass
Piperonyl Butoxide	0.003/0.01	ND	0.01	Pass
Prallethrin	0.015/0.05	ND	0.05	Pass
Propiconazole	0.003/0.01	ND	0.01	Pass
Propoxur	0.003/0.01	ND	0.01	Pass
Pyrethrins	0.015/0.05	ND	0.05	Pass
Pyridaben	0.003/0.01	ND	0.01	Pass
Spinetoram	0.003/0.01	ND	0.01	Pass
Spinosad	0.003/0.01	ND	0.01	Pass
Spiromesifen	0.003/0.01	ND	0.01	Pass
Spirotetramat	0.003/0.01	ND	0.01	Pass
Spiroxamine	0.003/0.01	ND	0.01	Pass
Tebuconazole	0.003/0.01	ND	0.01	Pass
Thiacloprid	0.003/0.01	ND	0.01	Pass
Thiamethoxam	0.003/0.01	ND	0.01	Pass
Trifloxystrobin	0.003/0.01	ND	0.01	Pass
Azadirachtin	0.100/0.30	ND	0.3	Pass
Chlormequat Chloride	0.03/0.10	ND	0.1	Pass
MGK 264	0.03/0.10	ND	0.1	Pass

Residual Solvent Screen ✔ Pass

05/22/2026

Method: MF-CHEM-32

Measurement of Uncertainty Average: ±1.43%

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Propane	67/200	ND	210	Pass
(+/-)-2-Butanol	13.3/40	ND	5000	Pass
1,1-Dichloroethene	2/4	ND	8	Pass
1,2-Dichloroethane	0.2/0.5	ND	5	Pass
1,4-Dioxane	13.3/40	ND	30	Pass
2-Ethoxyethanol	13.3/40	ND	160	Pass
Acetone	67/200	ND	500	Pass
Acetonitrile	67/200	ND	410	Pass
Benzene	0.2/0.5	ND	1	Pass
Chloroform	0.2/0.5	ND	2	Pass
Cumene	13.3/40	ND	70	Pass
Cyclohexane	13.3/40	ND	3880	Pass
Ethanol	67/200	4100.00	5000	Pass
Ethyl acetate	67/200	ND	1000	Pass
Ethyl ether	67/200	ND	5000	Pass
Ethylene Glycol	13.3/40	ND	620	Pass
Ethylene oxide	0.2/0.5	ND	5	Pass
n-Heptane	67/200	ND	500	Pass
Isopropyl Acetate	13.3/40	ND	5000	Pass
Isopropyl alcohol	67/200	ND	500	Pass
Methanol	67/200	ND	500	Pass
Methylene chloride	0.2/0.5	ND	600	Pass
Toluene	67/200	ND	53	Pass
Tetrahydrofuran	13.3/40	ND	720	Pass
Trichloroethene	13.3/40	ND	80	Pass
Isobutane	6.7/20	ND	-	See Total Butanes
n-Butane	67/200	ND	-	See Total Butanes
Total Butanes	6.7/40	ND	500	Pass
2,2-Dimethylbutane	2.7/8	ND	-	See Total Hexanes
2,3-Dimethylbutane	2.7/8	ND	-	See Total Hexanes
2-Methylpentane	2.7/8	ND	-	Pass
3-Methylpentane	2.7/8	ND	-	Pass
n-Hexane	67/200	ND	-	See Total Hexanes
Total Hexanes	2.7/8	ND	18	Pass
2 Methylbutane	4.4/13.34	ND	-	See Total Pentanes
Neopentane	4.4/13.34	ND	-	See Total Pentanes
n-Pentane	67/200	ND	-	See Total Pentanes
Total Pentanes	4.4/13.34	ND	500	Pass
Ethylbenzene	3.3/10	ND	-	See Total Xylenes
m+p-Xylene	6.7/20	ND	-	See Total Xylenes
o-Xylene	3.3/10	ND	-	See Total Xylenes
Total Xylenes	67/200	ND	217	Pass

Heavy Metal Screen ✔ Pass

05/22/2026

Method: MF-CHEM-16

Instrument: Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Measurement of Uncertainty Average: ±4.4%

Analyte	LOD / LOQ (µg/g)	Findings (µg/g)	Limit	Status
Arsenic	0.033/0.101	ND	0.2	Pass
Cadmium	0.047/0.141	ND	0.2	Pass
Mercury	0.014/0.05	ND	0.1	Pass
Lead	0.107/0.324	ND	0.5	Pass

Foreign Material ✔ Pass

05/21/2026

Method: MF-CHEM-7

Analyte	Findings	Limit	Status
Sand, Soils, Cinders, and Dirt	ND	25%	Pass
Mold	ND	25%	Pass
Imbedded Foreign Material	ND	25%	Pass
Insect Fragment	ND	1 per 3g	Pass
Hair	ND	1 per 3g	Pass
Mammalian Excreta	ND	1 per 3g	Pass

Mycotoxin Screen ✔ Pass

05/22/2026

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

Measurement of Uncertainty (MU): ±20.21%

Analyte	LOD/LOQ (ppb)	Findings (ppb)	Limit (ppb)	Status
Aflatoxin B1	2/5	ND	5	Pass
Aflatoxin B2	2/5	ND	20	Pass
Aflatoxin G1	2/5	ND	20	Pass
Aflatoxin G2	2/5	ND	20	Pass
Total Aflatoxins	8/20	ND	20	Pass
Ochratoxin A	2/5	ND	5	Pass

ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation

Reported by



Vu Lam
Lab Co Director



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