

# MANU0027-TP0034

**Sample ID:** BIA260226S0533  
**Strain:** Cali Haze - Mr. Tree  
**Harvest Lot:**  
**Matrix:** Concentrates & Extracts  
**Type:** Full Spectrum Oil  
**Sample Size:** 1 units  
**Lot#:**

**Produced:**  
**Collected:**  
**Received:** 02/26/2026  
**Completed:** 03/12/2026  
**Batch#:**

**Client:**  
**Northeast Kingdom Hemp**  
**Lic. #**  
 Barton, VT 05822



## Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	03/10/2026	Complete
Terpenes	02/26/2026	Complete
Residual Solvents	03/05/2026	Not Tested
Pesticides	03/03/2026	Complete
Heavy Metals	03/09/2026	Complete

## Cannabinoids

Completed

68.32% Total THC						ND Total CBD				74.51% Total Cannabinoids							
Analyte	LOQ	Results	Results	Mass	Mass	Analyte	LOQ	Results	Results	Mass	Mass	Analyte	LOQ	Results	Results	Mass	Mass
	mg/g	%	mg/g	mg/mL	mg/container		mg/g	%	mg/g	mg/mL	mg/container		mg/g	%	mg/g	mg/mL	mg/container
CBDVa	0.0003	<LOQ	<LOQ			CBCVa	0.0003	<LOQ	<LOQ								
CBDV	0.0003	<LOQ	<LOQ			CBNa	0.0003	<LOQ	<LOQ								
CBDa	0.0005	<LOQ	<LOQ			Δ9-THC	0.0005	59.23	592.3								
CBGa	0.0005	1.30	13.0			Δ8-THC	0.0003	<LOQ	<LOQ								
CBG	0.0005	1.91	19.1			Δ10-THC*	0.0002	<LOQ	<LOQ								
CBD	0.0005	<LOQ	<LOQ			CBL	0.0005	<LOQ	<LOQ								
THCV	0.0003	0.36	3.6			CBC	0.0003	0.76	7.6								
CBLV	0.0003	<LOQ	<LOQ			THCa	0.0005	10.37	103.7								
CBCV	0.0003	<LOQ	<LOQ			CBCa	0.0006	0.37	3.7								
THCVa	0.0003	<LOQ	<LOQ			CBLa	0.0005	<LOQ	<LOQ								
CBN	0.0005	0.22	2.2			<b>Total THC</b>		<b>68.32</b>	<b>683.25</b>								
						<b>Total CBD</b>		<b>ND</b>	<b>ND</b>	<b>ND</b>	<b>ND</b>						
						<b>Total</b>		<b>74.51</b>	<b>745.15</b>	<b>0.00</b>	<b>0.00</b>						

Analyst: 048

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:

$$\text{Total THC} = (\text{THCA} \times 0.877) + \Delta 9\text{-THC}$$

$$\text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD Reagent}$$

Blanks: &lt; LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (&lt;LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the

particular quantity subject to measurement. Δ9-THC MU = ±0.005% Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

\*The result is the sum of delta-10 isomers.




 Luke Emerson-Mason  
 Laboratory Director  
 03/12/2026

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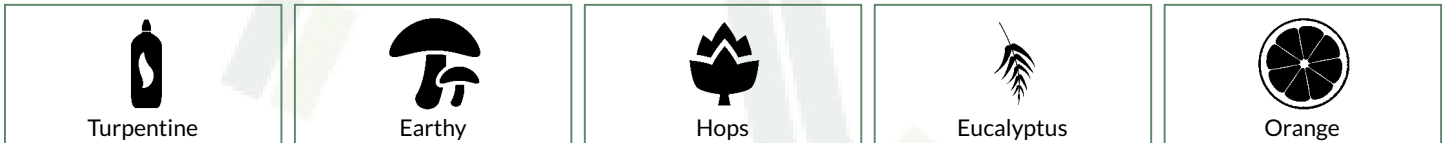
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**Terpenes**
**Completed**

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Terpinolene	0.010	19.650	1.965
trans-Ocimene	0.010	10.930	1.093
β-Myrcene	0.010	5.743	0.574
3-Carene	0.010	5.149	0.515
Limonene	0.010	4.714	0.471
β-Pinene	0.010	3.606	0.361
α-Terpinene	0.010	3.409	0.341
α-Pinene	0.010	2.924	0.292
Linalool	0.010	2.886	0.289
γ-Terpinene	0.010	2.591	0.259
β-Caryophyllene	0.010	2.172	0.217
α-Humulene	0.010	1.494	0.149
cis-Ocimene	0.010	0.977	0.098
p-Cymene	0.010	0.876	0.088
Camphene	0.010	0.867	0.087
Geraniol	0.010	0.205	0.020
α-Bisabolol	0.010	0.185	0.018
Guaiol	0.010	0.026	0.003
Caryophyllene Oxide	0.010	0.024	0.002
cis-Nerolidol	0.010	<LOQ	<LOQ
Eucalyptol	0.010	<LOQ	<LOQ
Isopulegol	0.010	<LOQ	<LOQ
trans-Nerolidol	0.010	<LOQ	<LOQ
<b>Total</b>		<b>68.426</b>	<b>6.843</b>

**Primary Aromas**


Analyst: 063

LOQ = The lowest quantity this method can reliably detect. Any terpene that was not detected is assumed to be less than the stated LOQ (&lt;LOQ).

Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS

Reagent Blanks: &lt; LOQs for all analytes

All results reflect dry weight of material, based on % moisture of the sample.

All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.




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 Laboratory Director  
 03/12/2026

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## Pesticides

Completed

Category 1 Pesticides	LOD	LOQ	Results
	PPM	PPM	PPM
Chlorpyrifos	0.0003	0.0010	ND
Imazalil	0.0003	0.0010	ND
Category 2 Pesticides	LOD	LOQ	Results
	PPM	PPM	PPM
Abamectin	0.0003	0.0010	ND
Acephate	0.001	0.0050	ND
Acequinocyl	0.0003	0.0010	ND
Azoxystrobin	0.00005	0.0010	ND
Bifenazate	0.0001	0.0010	ND
Bifenthrin	0.0001	0.0010	ND
Carbaryl	0.0001	0.0010	ND
Cypermethrin	0.001	0.0050	ND
Etoxazole	0.0001	0.0010	ND
Imidacloprid	0.00005	0.0010	ND
Myclobutanil	0.0001	0.0010	ND
Pyrethrins	0.001	0.0050	ND
Spinosyn A	0.0001	0.0010	ND
Spinosyn D	0.0003	0.0010	ND

Analyst: 062

Pesticides Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme QSight® LX50 UHPLC and QSight 220 Mass Spectrometer

LOQ = The lowest quantity this method can reliably quantify. Any pesticides or mycotoxins that were not quantifiable are less than the stated LOQ (&lt;LOQ).

ppm = parts per million

All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

ND = Not Detected (&lt;LOD)




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**Heavy Metals**

Completed

Analyte	LOQ	Results
	µg/g	µg/g
Chromium	0.0005	NT
Nickel	0.0005	NT
Copper	0.0005	NT
Zinc	0.0005	NT
Arsenic	0.0005	0.0121
Cadmium	0.0005	0.0006
Mercury	0.0001	0.0014
Lead	0.0005	<LOQ
<b>Total</b>		<b>0.0141</b>

Analyst: 052

Heavy Metal Methodology: ICP-MS using PerkinElmer NexION® 2000 ICP Mass Spectrometer

Reagent Blanks: < LOQs for all analytes

ppm = parts per million

LOQ = The lowest quantity that this method can reliably detect. Any heavy metal that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.




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**Residual Solvents**

Not Tested

Analyte	LOQ	Results
	µg/g	µg/g
Acetone	50.00	NT
Acetonitrile	50.00	NT
Benzene	0.50	NT
n-Butane	50.00	NT
Chloroform	5.00	NT
Ethanol	500.00	NT
Ethyl-Acetate	500.00	NT
Ethyl-Ether	500.00	NT
Heptane	500.00	NT
n-Hexane	5.00	NT
Isopropanol	50.00	NT
Methanol	50.00	NT
Dichloromethane	50.00	NT
n-Pentane	500.00	NT
Propane	500.00	NT
Toluene	50.00	NT
Trichloroethylene	500.00	NT
Xylenes	50.00	NT
<b>Total</b>		<b>0</b>

Analyst: 063

Residual Solvent Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS

LOQ = The lowest quantity that this method can reliably detect. Any residual solvent that was not detected is assumed to be less than the stated LOQ (<LOQ).

Reagent Blanks: < LOQs for all analytes




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