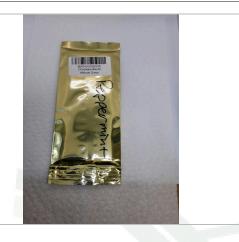


#### **Chocolate Bar-M**

Sample ID: BIA241001S0015 Strain: Peppermint Chocolate Bar Matrix: Ingestible Type: Chocolate Sample Size: 54.576 g Lot#: MAN0017-00124

Produced: Collected: Received: 10/01/2024 Completed: 10/08/2024 Batch#: MANU0027-C0069

Altitude Drops Lic. # MANU0017 1723 Evansville Rd Brownington, VT 05860



Summary Test Date Tested

Sample Cannabinoids 10/04/2024

Result Complete Complete

Cannabinoids Completed

4.91 mg/serving
Total THC

# ND

## 5.00 mg/serving

	Total THC		Tota	al CBD	6 W	Total Cannabinoids
Analyte	LOQ	Results	Results	Mass	Mass	
	%	%	mg/g	mg/serving	mg/container	
CBDVa	0.0001	<loq< td=""><td><loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBDV	0.0001	<loq< td=""><td><loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBDa	0.0001	<loq< td=""><td><loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBGa	0.0001	<loq< td=""><td><loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBG	0.0002	<loq< td=""><td><loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBD	0.0002	<loq< td=""><td><loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
THCV	0.0002	<loq< td=""><td><loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBN	0.0001	<loq< td=""><td><loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Δ9-THC	0.0002	0.16	1.6	4.24	84.74 .	
	0.0002	<loq< td=""><td><loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Δ8-THC	0.0000	<loq< td=""><td><loq< td=""><td><loô< td=""><td><loq< td=""><td></td></loq<></td></loô<></td></loq<></td></loq<>	<loq< td=""><td><loô< td=""><td><loq< td=""><td></td></loq<></td></loô<></td></loq<>	<loô< td=""><td><loq< td=""><td></td></loq<></td></loô<>	<loq< td=""><td></td></loq<>	
Δ10-THC	0.0002	<loq< td=""><td><loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBC	0.0003	0.03	0.3	0.77	15.34	
THCa	0.000	0.18	1.80	4.91	98.20	
Total THC		ND	ND	ND	ND	
Total CBD		0.18	1.83	5.00	100.08	
Ţoţal		0.10	1.05	5.00	100.08	

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: TotaITHC=(THCAx0.877)+A9-THC Total CBD = (CBDA x 0.877) + CBD Reagent Blanks: < LOQs for all analytes

Bianks: < 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 (<LOQ).

All results re ect 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.



Luke Emerson-Mason Laboratory Director 10/08/2024

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### **Certi cate of Analysis**

Client Name: Vermont Kind

License Number: SCLT0186

Sample ID: VT11853

Sample Name: Altitude Drops Virgin Extract

Sample Lot: MANU0027-C0069

Sample Matrix: Solvent Extraction Concentrates

Date Received: 7/31/2024 Date Reported: 8/7/2024 Date Tested: 8/1/2024



#### Total Terpenes (%): 6.2464 Dominant Terpenes (%)

beta-caryophyllene	1.7333
M yrcen e	1.1476
alp h a- B isab o lo l	0.9004
alp h a- Hu mu len e	0.6699
Limo n en e	0.5631

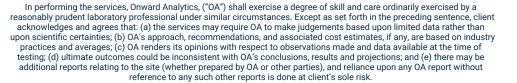
#### Terpenes

Standardterpeneanalysis utilizing Gas Chromatography - Mass Spectrometry (GC-MS; SOP-069-0A) | Test ID: #35897

Ana I yt e	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene		ND 9.004	0.000002	0.001
alpha-Bisabolol alpha-Humulene alpha-Pinene alpha-Prinene alpha-Terpinene alpha-Terpinene beta-caryophyllene beta-Pinene Camphene Caryophyllene Oxide Eucalyptol gamma-Terpinene Geraniol Guaiol Isopulegol Isopropyl Toluene Limonene Linalool Myrcene Ocimene	ND 0.9004 0.6699 0.164 ND 0.0117 1.7333 0.1252 0.0169 0.0862 0.0409 0.0118 ND 0.3108 ND 0.5631 0.2622 0.1761 1.1476 0.0263	ND 9.004 6.699 1.64 ND 0.117 17.333 1.252 0.169 0.862 0.409 0.118 ND 3.108 ND ND 5.631 2.622 1.761 11.476 0.263	0.000002 0.000003 0.000002 0.000001 0.000004 0.000004 0.000002 0.000001 0.000011 0.000011 0.000002 0.000002 0.000005 0.000003 0.000003 0.000003 0.000003 0.000003	0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.003 0.001 0.001 0.001 0.001
Total Terpenes				

6.2464 62.464









### **Certi cate of Analysis**



Client Name: Vermont Kind License Number: SCLT0186

Sample ID: VT11853

Sample Name: Altitude Drops Virgin Extract

Sample Lot: MANU0027-C0069

Sample Matrix: Solvent Extraction Concentrates

Date Received: 7/31/2024 Date Reported: 8/7/2024 **Date Tested:** 7/31/2024



#### **Residual Solvents**

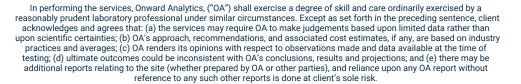
**Pass** 

Residualsolventsandprocessing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (HS-GC-MS; SOP-010-0A) - Limit units: **B/B** | TestID:#35894

Ana I yt e	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)	
Acetone	Pass	< L0Q < L0Q	5000.000	4.730	14.200	
Acetonitrile	Pass	< LOQ < LOQ	410.000	0.480	1.450	
Benzene	Pass	< L0Q < L0Q	2.000	0.020	0.060	
Chloroform	Pass	< L0Q < L0Q	60.000	0.070	0.210	
Ethanol	Pass	< L0Q < L0Q	5000.000	6.010	18.040	
Heptanes (total)	Pass	< LOQ	5000.000	5.950	17.840	
Hexanes (total)	Pass	< LOQ	0 5000.000	0.350 5.910	1.040 17.730	
Isopropyl Alcohol Methanol	Pass Pass		3000.000	3.540	10.610	
Methylene Chloride	Pass		600.000	6.400	19.190	
Toluene	Pass		890.000	1.050 19.	3.160 58.	
				426	868	
Xylenes (total)	Pass		2170.000	14.858 *	45.024 *	
Additional Solvent Analytes						
PropanePass < LOQ			5000.000	5.420	16.260	
2-Methylpropane Pass <			5000.000	5.420	16.270	
LOQ 2,3-Dimethylbutane P			5000.000	0.340	1.020	
Methylpentane Pass < Lo			5000.000	0.340	1.030	
Isopentane Pass < LOQ n	-Pentane Pass < LO	Q Neopentane	0	5.390	16.160	
Pass < LOQ			5000.000	0.340	1.030	
			5000.000	0.680	2.050	
			5000.000 5000.000 5000.000	5.890 5.900 11.870	17.670 17.700 35.620	

<sup>\*</sup> Xylenes action limit represents sum of m,p-Xylene and o-Xylene









### **Certi cate of Analysis**

Client Name: Vermont Kind
License Number: SCLT0186

Sample ID: VT11853

Sample Name: Altitude Drops Virgin Extract

Sample Lot: MANU0027-C0069

Sample Matrix: Solvent Extraction Concentrates

 Date Received:
 7/31/2024

 Date Reported:
 8/7/2024

 Date Tested:
 8/1/2024



Total Ca	nnabinoids	
	%	mg/g
Total THC:	57.805	578.046
Total CBD:	4.608	46.082
Total Cannabinoids:	65.547	655.472

Total theoretical CBD % = (CBD%) + (CBDA% \* 0.877) Total theoretical THC % = (delta-9-THC%) + (THCA% \* 0.877)

#### Potency

Standardpotency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-0A) | Test ID: #35893

Ana I yt e	%	mg/g	LOD (mg/g)	LOQ (mg/g
CBC	0.8011	8.011	0.0003	0.0040
CBCA CBDA CBDV CBDVA CBG CBGA CBNA CBNA CBNA CBNA CBNA CBNA CBNA THC D9 THC THCA THCA THCV THCVA	0.8011 0.5308 2.7978 2.0643 ND ND 0.5279 ND < LOQ ND ND 50.5269 ND 8.2984 ND ND	5.308 27.978 20.643 ND ND 5.279 ND < LOQ ND ND 505.269 ND 82.984 ND ND	0.0002 0.0008 0.0002 0.0008 0.0001 0.0009 0.0001 0.0004 0.0002 0.0012 0.0016 0.0004 0.0002 0.0016 0.0004	0.0040 0.0040 0.0040 0.0040 0.0040 0.0040 0.0040 0.0040 0.0040 0.0040 0.0049 0.0040 0.0040 0.0040









### **Certi cate of Analysis**

Client Name: Vermont Kind License Number: SCLT0186

Sample ID: VT11853

Sample Name: Altitude Drops Virgin Extract

Sample Lot: MANU0027-C0069

Sample Matrix: Solvent Extraction Concentrates

Date Received: 7/31/2024 Date Reported: 8/7/2024 Date Tested: 8/1/2024



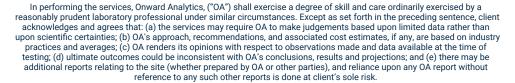
**Pesticides Pass** 

Residual pesticideanalysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-0A) - Limit units: ppm | TestID:

Ana I yt e	Pass/Fail	Result (ppm)	Limit 0.10000	LOD (ppm)	LOQ (ppm)
Acephate Pass Azoxystrobin Pass Pass ND Carbaryl Cypermethrin Pass Pass ND Imidaclopi	ss ND Abamectin B1I ND Acequinocyl ND Bifenazate Pass NI Pass ND Chlorpyrifos ND Etoxazole Pass N id Pass ND Myclobutar O Spinosyn D Pass ND	Pass ND D Bifenthrin S Pass ND ND Imazalil	0.10000 0.10000 0.10000 0.10000 0.10000 3.00000 0.50000 0.04000 1.00000 0.04000 5.00000 0.10000 0.10000 0.10000 0.10000	0.00944 0.00034 0.00404 0.02821 0.00298 0.00129 0.01005 0.00402 0.00403 0.01010 0.00404 0.01073 0.00401 0.00308 0.00312 0.00083 0.00022 0.00498 *	0.03114 0.00113 0.01333 0.09310 0.00983 0.00427 0.03317 0.01325 0.01329 0.03333 0.01333 0.01323 0.01016 0.01029 0.00273 0.00072 0.00015 *

<sup>\*</sup> Pyrethrins action limit represents sum of isomers I & II









### **Certi cate of Analysis**

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Client Name: Vermont Kind License Number: SCLT0186

Sample ID: VT11853

Sample Name: Altitude Drops Virgin Extract

Sample Lot: MANU0027-C0069

Sample Matrix: Solvent Extraction Concentrates

 Date Received:
 7/31/2024

 Date Reported:
 8/7/2024

 Date Tested:
 8/5/2024



#### **Heavy Metals**

**PASS** 

Heavymetalsanaly	sisutilizing Inductively	Coupled Plasma Mass Sp	ectrometry (ICP-MS; SOP	-072-OA) - Limit unit	s: ppm  TestID:#35896
Ana I yt e	Pass/Fail	Result (ppm)	Limit (ppm)	LOD (ppm)	LOQ (ppm)
Arsenic	PASS	< L00 < L00	1.500 0.500	0.0000260	0.00050
Cadmium	PASS	< L0Q < L0Q	1.000 1.500	0.0000004	0.00050
Lead	PASS			0.0000190	0.00050
Mercury	PASS			0.0000039	0.00050





