

# CERTIFICATE OF ANALYSIS

Prepared for:

## **North Brands LLC**

Vibes Raspberry Lemon		North Brands LLC		
Batch ID or Lot Number: NCC0009	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 4	
Reported:	Started:	Received:		
21Jun2023	21 un2023	20Jun2023		

#### **Cannabinoids**

Methods: TM14 (HPLC-DAD)	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.131	0.452	ND	ND	# of Servings = 1,
Cannabichromenic Acid (CBCA)	0.120	0.414	ND	ND	Sample
Cannabidiol (CBD)	0.548	1.323	5.120	0.00	Weight=355g
Cannabidiolic Acid (CBDA)	0.562	1.357	ND	ND	
Cannabidivarin (CBDV)	0.130	0.313	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.235	0.566	ND	ND	
Cannabigerol (CBG)	0.074	0.257	ND	ND	
Cannabigerolic Acid (CBGA)	0.310	1.073	ND	ND	
Cannabinol (CBN)	0.097	0.335	ND	ND	
Cannabinolic Acid (CBNA)	0.212	0.732	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.370	1.279	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.336	1.161	2.460	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.297	1.029	ND	ND	
Tetrahydrocannabivarin (THCV)	0.068	0.234	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.262	0.908	ND	ND	
Total Cannabinoids			7.580	0.00	•
Total Potential THC			2.460	0.00	
Total Potential CBD			5.120	0.00	
					•

**Final Approval** 

Samantha Small 21Jun2023 03:33:00 PM MDT

Sam Smith

PREPARED BY / DATE

Winterwheumer 21Jun2023 03:43:00 PM MDT APPROVED BY / DATE

Karen Winternheimer



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#### **Residual Solvents**

Test ID: T000246937

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	90 - 1803	ND	
Butanes (Isobutane, n-Butane)	181 - 3620	ND	
Methanol	54 - 1087	ND	-
Pentane	91 - 1828	ND	
Ethanol	91 - 1829	ND	•
Acetone	89 - 1782	ND	
Isopropyl Alcohol	91 - 1826	ND	•
Hexane	5 - 107	ND	_
Ethyl Acetate	91 - 1812	ND	_
Benzene	0.2 - 3.5	ND	_
Heptanes	91 - 1819	ND	_
Toluene	16 - 314	ND	_
Xylenes (m,p,o-Xylenes)	116 - 2329	ND	_

**Final Approval** 

Karen Winternheimer 21Jun2023 Whenheumer 03:45:00 PM MDT

PREPARED BY / DATE

Sawantha Smot 21Jun2023 03:48:00 PM MDT

APPROVED BY / DATE

Sam Smith



**Vibes Raspberry Lemon** 

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#### **Pesticides**

Test ID: T000246935 Methods: TM17

(LC-QQ LC MS/MS)	<b>Dynamic Range</b> (ppb)	Result (ppb)
Abamectin	359 - 2662	ND
Acephate	42 - 2788	ND
Acetamiprid	45 - 2762	ND
Azoxystrobin	46 - 2737	ND
Bifenazate	42 - 2752	ND
Boscalid	45 - 2816	ND
Carbaryl	42 - 2713	ND
Carbofuran	44 - 2721	ND
Chlorantraniliprole	39 - 2775	ND
Chlorpyrifos	37 - 2717	ND
Clofentezine	279 - 2768	ND
Diazinon	297 - 2737	ND
Dichlorvos	258 - 2752	ND
Dimethoate	42 - 2735	ND
E-Fenpyroximate	288 - 2720	ND
Etofenprox	42 - 2698	ND
Etoxazole	295 - 2696	ND
Fenoxycarb	18 - 2770	ND
Fipronil	41 - 2829	ND
Flonicamid	47 - 2822	ND
Fludioxonil	319 - 2813	ND
Hexythiazox	43 - 2735	ND
Imazalil	278 - 2786	ND
Imidacloprid	40 - 2763	ND
Kresoxim-methyl	41 - 2808	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	313 - 2747	ND
Metalaxyl	43 - 2758	ND
Methiocarb	40 - 2804	ND
Methomyl	43 - 2762	ND
MGK 264 1	177 - 1685	ND
MGK 264 2	126 - 1066	ND
Myclobutanil	40 - 2798	ND
Naled	47 - 2746	ND
Oxamyl	42 - 2779	ND
Paclobutrazol	46 - 2719	ND
Permethrin	295 - 2705	ND
Phosmet	39 - 2766	ND
Prophos	298 - 2802	ND
Propoxur	44 - 2715	ND
Pyridaben	294 - 2688	ND
Spinosad A	31 - 2075	ND
Spinosad D	67 - 664	ND
Spiromesifen	288 - 2694	ND
Spirotetramat	296 - 2800	ND
Spiroxamine 1	16 - 1250	ND
Spiroxamine 2	22 - 1552	ND
Tebuconazole	310 - 2775	ND
Thiacloprid	44 - 2756	ND
Thiamethoxam	44 - 2791	ND
Trifloxystrobin	43 - 2724	ND

**Final Approval** 

PREPARED BY / DATE

Karen Winternheimer 22Jun2023 MENHUMB 12:35:00 PM MDT

Samantha Small 22Jun2023 12:41:00 PM MDT

Sam Smith

APPROVED BY / DATE



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#### **Heavy Metals**

Test ID: T000246936

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.03 - 3.03	ND	
Cadmium	0.05 - 4.73	ND	
Mercury	0.04 - 4.22	ND	•
Lead	0.04 - 3.87	ND	

#### **Final Approval**

Samantha Smil

Sam Smith 25Jun2023 10:53:00 AM MDT

PREPARED BY / DATE

Mutenheumer 11:08:00 AM MDT

APPROVED BY / DATE

Karen Winternheimer

25Jun2023



https://results.botanacor.com/api/v1/coas/uuid/cafeef29-78cc-4209-9483-28ebce180201

#### **Definitions**

LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa \*(0.877)) and Total CBD = CBD + (CBDa \*(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa \*(0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 100,000 CFU.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit A2LA for more details







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