

Prepared for:
North Brands LLC

Higher Vibes Raspberry Lemon

Batch ID or Lot Number: NCC0054	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 5
Reported: 05Dec2023	Started: 05Dec2023	Received: 05Dec2023	


Cannabinoids


Test ID: T000263818

Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.149	0.496	ND	ND	# of Servings = 1, Sample Weight=355g
Cannabichromenic Acid (CBCA)	0.137	0.454	ND	ND	
Cannabidiol (CBD)	0.495	1.246	10.600	0.00	
Cannabidiolic Acid (CBDA)	0.508	1.278	ND	ND	
Cannabidivarin (CBDV)	0.117	0.295	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.212	0.533	ND	ND	
Cannabigerol (CBG)	0.085	0.282	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	0.354	1.177	ND	ND	
Cannabinol (CBN)	0.111	0.367	ND	ND	
Cannabinolic Acid (CBNA)	0.242	0.803	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.422	1.403	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.383	1.274	5.040	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.340	1.129	ND	ND	
Tetrahydrocannabivarin (THCV)	0.077	0.256	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.300	0.996	ND	ND	
Total Cannabinoids			15.640	0.00	
Total Potential THC			5.040	0.00	
Total Potential CBD			10.600	0.00	

Final Approval


 Karen Winternheimer
 05Dec2023
 12:35:00 PM MST
 PREPARED BY / DATE


 Sam Smith
 05Dec2023
 12:38:00 PM MST
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Pesticides


Test ID: T000263819

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	329 - 2679	ND		Malathion	279 - 2664	ND
Acephate	48 - 2797	ND		Metalaxyl	47 - 2702	ND
Acetamiprid	45 - 2749	ND		Methiocarb	49 - 2697	ND
Azoxystrobin	44 - 2707	ND		Methomyl	45 - 2816	ND
Bifenazate	47 - 2673	ND		MGK 264 1	160 - 1609	ND
Boscalid	47 - 2696	ND		MGK 264 2	106 - 1064	ND
Carbaryl	44 - 2731	ND		Myclobutanil	18 - 2637	ND
Carbofuran	43 - 2710	ND		Naled	41 - 2708	ND
Chlorantraniliprole	48 - 2723	ND		Oxamyl	47 - 2800	ND
Chlorpyrifos	21 - 2701	ND		Paclobutrazol	43 - 2733	ND
Clofentezine	256 - 2706	ND		Permethrin	293 - 2660	ND
Diazinon	272 - 2700	ND		Phosmet	41 - 2545	ND
Dichlorvos	288 - 2784	ND		Prophos	304 - 2654	ND
Dimethoate	46 - 2763	ND		Propoxur	42 - 2715	ND
E-Fenpyroximate	290 - 2716	ND		Pyridaben	282 - 2693	ND
Etofenprox	41 - 2674	ND		Spinosad A	29 - 2107	ND
Etoxazole	292 - 2599	ND		Spinosad D	61 - 656	ND
Fenoxycarb	21 - 2706	ND		Spiromesifen	268 - 2623	ND
Fipronil	48 - 2760	ND		Spirotetramat	283 - 2740	ND
Flonicamid	49 - 2803	ND		Spiroxamine 1	16 - 1001	ND
Fludioxonil	316 - 2666	ND		Spiroxamine 2	28 - 1579	ND
Hexythiazox	46 - 2661	ND		Tebuconazole	293 - 2678	ND
Imazalil	265 - 2718	ND		Thiacloprid	46 - 2782	ND
Imidacloprid	48 - 2888	ND		Thiamethoxam	45 - 2802	ND
Kresoxim-methyl	46 - 2702	ND		Trifloxystrobin	42 - 2738	ND

Final Approval

 Karen Winternheimer
08Dec2023
10:17:00 AM MST
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 Sam Smith
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Residual Solvents

Test ID: T000263822
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	107 - 2149	ND	
Butanes (Isobutane, n-Butane)	203 - 4057	ND	
Methanol	60 - 1210	ND	
Pentane	103 - 2059	ND	
Ethanol	97 - 1944	ND	
Acetone	98 - 1963	ND	
Isopropyl Alcohol	99 - 1977	ND	
Hexane	6 - 125	ND	
Ethyl Acetate	99 - 1989	ND	
Benzene	0.2 - 3.9	ND	
Heptanes	100 - 2004	ND	
Toluene	17 - 342	ND	
Xylenes (m,p,o-Xylenes)	119 - 2379	ND	

Final Approval


 Karen Winternheimer
 08Dec2023
 01:56:00 PM MST
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 Sam Smith
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Microbial Contaminants

Test ID: T000263820

Methods: TM25 (PCR) TM24, TM26, TM27 (Culture Plating)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval


 Brianne Maillot
 08Dec2023
 09:45:00 AM MST
 PREPARED BY / DATE


 Eden Thompson-Wright
 08Dec2023
 10:31:00 AM MST
 APPROVED BY / DATE


Heavy Metals


Test ID: T000263821

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.38	ND	
Cadmium	0.04 - 4.34	ND	
Mercury	0.04 - 4.37	ND	
Lead	0.05 - 4.62	ND	

Final Approval


 Sam Smith
 11Dec2023
 02:43:00 PM MST
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 Karen Winternheimer
 11Dec2023
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<https://results.botanacor.com/api/v1/coas/uuid/7e4c892c-64e1-43a5-be1f-4a1073a57acc>

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 \times (0.877)) and Total CBD = CBD + (CBDa \times (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 \times (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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. 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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