

Prepared for:
North Brands LLC

Higher Vibes Blackberry Mango

Batch ID or Lot Number: NCC0056	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 5
Reported: 05Jan2024	Started: 05Jan2024	Received: 05Jan2024	


Cannabinoids

Test ID: T000266818


Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.167	0.467	ND	ND	# of Servings = 1, Sample Weight=355g
Cannabichromenic Acid (CBCA)	0.152	0.427	ND	ND	
Cannabidiol (CBD)	0.483	1.283	11.200	0.00	
Cannabidiolic Acid (CBDA)	0.496	1.316	ND	ND	
Cannabidivarin (CBDV)	0.114	0.303	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.207	0.549	ND	ND	
Cannabigerol (CBG)	0.095	0.265	ND	ND	
Cannabigerolic Acid (CBGA)	0.395	1.109	ND	ND	
Cannabinol (CBN)	0.123	0.346	ND	ND	
Cannabinolic Acid (CBNA)	0.270	0.757	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.471	1.321	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.428	1.200	4.910	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.379	1.063	ND	ND	
Tetrahydrocannabivarin (THCV)	0.086	0.241	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.334	0.938	ND	ND	
Total Cannabinoids			16.110	0.00	
Total Potential THC			4.910	0.00	
Total Potential CBD			11.200	0.00	

Final Approval

 Sam Smith
05Jan2024
03:12:00 PM MST

PREPARED BY / DATE

 Karen Winternheimer
05Jan2024
03:17:00 PM MST

APPROVED BY / DATE

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Microbial Contaminants

Test ID: T000266820

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



Brett Hudson
08Jan2024
03:00:00 PM MST

PREPARED BY / DATE



Eden Thompson-Wright
08Jan2024
04:41:00 PM MST

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Residual Solvents

Test ID: T000266822
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	84 - 1685	ND	
Butanes (Isobutane, n-Butane)	195 - 3897	ND	
Methanol	67 - 1331	ND	
Pentane	96 - 1920	ND	
Ethanol	96 - 1915	ND	
Acetone	109 - 2176	ND	
Isopropyl Alcohol	110 - 2209	ND	
Hexane	7 - 133	ND	
Ethyl Acetate	111 - 2224	ND	
Benzene	0.2 - 4.4	ND	
Heptanes	109 - 2188	ND	
Toluene	20 - 405	ND	
Xylenes (m,p,o-Xylenes)	144 - 2873	ND	

Final Approval


 Karen Winternheimer
 09Jan2024
 02:16:00 PM MST
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 Karen Winternheimer
 09Jan2024
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North Brands LLC

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Pesticides


Test ID: T000266819

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	329 - 2655	ND		Malathion	275 - 2667	ND
Acephate	41 - 2715	ND		Metalaxyl	44 - 2676	ND
Acetamiprid	43 - 2673	ND		Methiocarb	48 - 2648	ND
Azoxystrobin	43 - 2697	ND		Methomyl	47 - 2702	ND
Bifenazate	43 - 2691	ND		MGK 264 1	163 - 1625	ND
Boscalid	45 - 2600	ND		MGK 264 2	105 - 1081	ND
Carbaryl	40 - 2722	ND		Myclobutanil	34 - 2630	ND
Carbofuran	41 - 2697	ND		Naled	44 - 2671	ND
Chlorantraniliprole	49 - 2615	ND		Oxamyl	43 - 2703	ND
Chlorpyrifos	48 - 2702	ND		Paclobutrazol	39 - 2711	ND
Clofentezine	265 - 2734	ND		Permethrin	274 - 2694	ND
Diazinon	274 - 2680	ND		Phosmet	40 - 2557	ND
Dichlorvos	295 - 2706	ND		Prophos	291 - 2654	ND
Dimethoate	46 - 2650	ND		Propoxur	40 - 2710	ND
E-Fenpyroximate	248 - 2807	ND		Pyridaben	274 - 2673	ND
Etofenprox	43 - 2636	ND		Spinosad A	28 - 2077	ND
Etoxazole	285 - 2599	ND		Spinosad D	59 - 652	ND
Fenoxycarb	41 - 2691	ND		Spiromesifen	261 - 2652	ND
Fipronil	53 - 2694	ND		Spirotetramat	268 - 2724	ND
Flonicamid	54 - 2701	ND		Spiroxamine 1	16 - 997	ND
Fludioxonil	294 - 2617	ND		Spiroxamine 2	27 - 1556	ND
Hexythiazox	41 - 2702	ND		Tebuconazole	286 - 2677	ND
Imazalil	270 - 2704	ND		Thiacloprid	43 - 2685	ND
Imidacloprid	50 - 2717	ND		Thiamethoxam	42 - 2715	ND
Kresoxim-methyl	43 - 2673	ND		Trifloxystrobin	42 - 2714	ND

Final Approval


 Karen Winternheimer
 10Jan2024
 01:03:00 PM MST
 PREPARED BY / DATE


 Sam Smith
 10Jan2024
 01:06:00 PM MST
 APPROVED BY / DATE

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Heavy Metals


Test ID: T000266821
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.55	ND	
Cadmium	0.04 - 4.47	ND	
Mercury	0.05 - 4.61	ND	
Lead	0.04 - 4.14	ND	

Final Approval


Samantha Smith
10Jan2024
02:12:00 PM MST

PREPARED BY / DATE


Karen Winternheimer
10Jan2024
02:21:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/60bd897a-9b9e-4771-ae0d-8028b74ab700>

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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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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