

Prepared for:
North Brands LLC

Higher Vibes Blackberry Mango

Batch ID or Lot Number: NCC0024	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 4
Reported: 14Aug2023	Started: 14Aug2023	Received: 14Aug2023	


Cannabinoids

Test ID: T000252783


Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.138	0.492	ND	ND	# of Servings = 1, Sample Weight=355g
Cannabichromenic Acid (CBCA)	0.126	0.450	ND	ND	
Cannabidiol (CBD)	0.457	1.277	10.670	0.00	
Cannabidiolic Acid (CBDA)	0.469	1.309	ND	ND	
Cannabidivarin (CBDV)	0.108	0.302	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.196	0.546	ND	ND	
Cannabigerol (CBG)	0.078	0.279	ND	ND	
Cannabigerolic Acid (CBGA)	0.327	1.168	ND	ND	
Cannabinol (CBN)	0.102	0.364	ND	ND	
Cannabinolic Acid (CBNA)	0.223	0.797	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.389	1.391	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.354	1.263	5.280	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.313	1.119	ND	ND	
Tetrahydrocannabivarin (THCV)	0.071	0.254	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.276	0.987	ND	ND	
Total Cannabinoids			15.950	0.00	
Total Potential THC			5.280	0.00	
Total Potential CBD			10.670	0.00	

Final Approval


Samantha Smith
14Aug2023
01:17:00 PM MDT

PREPARED BY / DATE


Karen Winternheimer
14Aug2023
01:25:00 PM MDT

APPROVED BY / DATE

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Residual Solvents

Test ID: T000252786
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	78 - 1556	ND	
Butanes (Isobutane, n-Butane)	157 - 3143	ND	
Methanol	50 - 997	ND	
Pentane	80 - 1596	ND	
Ethanol	84 - 1682	ND	
Acetone	85 - 1700	ND	
Isopropyl Alcohol	88 - 1768	ND	
Hexane	5 - 99	ND	
Ethyl Acetate	84 - 1689	ND	
Benzene	0.2 - 3.6	ND	
Heptanes	87 - 1734	ND	
Toluene	15 - 309	ND	
Xylenes (m,p,o-Xylenes)	114 - 2275	ND	

Final Approval


Sam Smith
17Aug2023
03:41:00 PM MDT
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Karen Winternheimer
17Aug2023
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Pesticides


Test ID: T000252784

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	202 - 2627	ND		Malathion	282 - 2763	ND
Acephate	44 - 2777	ND		Metalaxyl	44 - 2750	ND
Acetamiprid	41 - 2668	ND		Methiocarb	45 - 2694	ND
Azoxystrobin	45 - 2726	ND		Methomyl	41 - 2701	ND
Bifenazate	43 - 2720	ND		MGK 264 1	174 - 1643	ND
Boscalid	44 - 2702	ND		MGK 264 2	105 - 1078	ND
Carbaryl	39 - 2721	ND		Myclobutanil	54 - 2664	ND
Carbofuran	42 - 2717	ND		Naled	45 - 2741	ND
Chlorantraniliprole	43 - 2673	ND		Oxamyl	43 - 2702	ND
Chlorpyrifos	47 - 2827	ND		Paclobutrazol	45 - 2714	ND
Clofentezine	276 - 2738	ND		Permethrin	285 - 2790	ND
Diazinon	286 - 2754	ND		Phosmet	40 - 2734	ND
Dichlorvos	273 - 2719	ND		Prophos	294 - 2642	ND
Dimethoate	42 - 2677	ND		Propoxur	41 - 2700	ND
E-Fenpyroximate	293 - 2807	ND		Pyridaben	296 - 2749	ND
Etofenprox	42 - 2713	ND		Spinosad A	32 - 2098	ND
Etoxazole	292 - 2764	ND		Spinosad D	63 - 686	ND
Fenoxycarb	41 - 2710	ND		Spiromesifen	278 - 2783	ND
Fipronil	75 - 2626	ND		Spirotetramat	283 - 2754	ND
Flonicamid	48 - 2664	ND		Spiroxamine 1	17 - 1139	ND
Fludioxonil	307 - 2676	ND		Spiroxamine 2	21 - 1531	ND
Hexythiazox	40 - 2769	ND		Tebuconazole	289 - 2738	ND
Imazalil	271 - 2791	ND		Thiacloprid	44 - 2650	ND
Imidacloprid	51 - 2714	ND		Thiamethoxam	43 - 2706	ND
Kresoxim-methyl	47 - 2741	ND		Trifloxystrobin	44 - 2695	ND

Final Approval


 Karen Winternheimer
 18Aug2023
 11:06:00 AM MDT
 PREPARED BY / DATE


 Sam Smith
 18Aug2023
 11:10:00 AM MDT
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North Brands LLC

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Heavy Metals


Test ID: T000252785
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.26	ND	
Cadmium	0.05 - 5.22	ND	
Mercury	0.04 - 4.45	ND	
Lead	0.05 - 5.12	ND	

Final Approval


Samantha Simms
21Aug2023
01:53:00 PM MDT

PREPARED BY / DATE


Karen Winternheimer
21Aug2023
05:11:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/10743f10-ed2a-433d-b2a8-28286ad47cf5>

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 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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