

Prepared for:  
**North Brands LLC**

## Higher Vibes Blackberry Mango

Batch ID or Lot Number: <b>NCC1005</b>	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 5
Reported: <b>08Jan2024</b>	Started: 08Jan2024	Received: 05Jan2024	


### Cannabinoids

Test ID: T000266735


Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.166	0.452	ND	ND	# of Servings = 1, Sample Weight=355g
Cannabichromenic Acid (CBCA)	0.151	0.413	ND	ND	
Cannabidiol (CBD)	0.458	1.254	10.120	0.00	
Cannabidiolic Acid (CBDA)	0.470	1.286	ND	ND	
Cannabidivarin (CBDV)	0.108	0.297	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.196	0.536	ND	ND	
Cannabigerol (CBG)	0.094	0.256	ND	ND	
Cannabigerolic Acid (CBGA)	0.393	1.072	ND	ND	
Cannabinol (CBN)	0.123	0.335	ND	ND	
Cannabinolic Acid (CBNA)	0.268	0.732	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.468	1.277	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.425	1.160	4.730	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.377	1.028	ND	ND	
Tetrahydrocannabivarin (THCV)	0.085	0.233	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.332	0.907	ND	ND	
<b>Total Cannabinoids</b>			<b>14.850</b>	<b>0.00</b>	
Total Potential THC			4.730	0.00	
Total Potential CBD			10.120	0.00	

### Final Approval

 Sam Smith  
08Jan2024  
12:57:00 PM MST

PREPARED BY / DATE

 Karen Winternheimer  
08Jan2024  
01:01:00 PM MST

APPROVED BY / DATE

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**North Brands LLC**

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### Microbial Contaminants

Test ID: T000266737

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

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

### Final Approval



Brett Hudson  
08Jan2024  
03:00:00 PM MST

PREPARED BY / DATE



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

APPROVED BY / DATE

Prepared for:  
**North Brands LLC**

**Higher Vibes Blackberry Mango**

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**Residual Solvents**


Test ID: T000266739

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	87 - 1741	ND	
Butanes (Isobutane, n-Butane)	201 - 4026	ND	
Methanol	69 - 1375	ND	
Pentane	99 - 1984	ND	
Ethanol	99 - 1978	ND	
Acetone	112 - 2248	ND	
Isopropyl Alcohol	114 - 2282	ND	
Hexane	7 - 137	ND	
Ethyl Acetate	115 - 2298	ND	
Benzene	0.2 - 4.5	ND	
Heptanes	113 - 2261	ND	
Toluene	21 - 418	ND	
Xylenes (m,p,o-Xylenes)	148 - 2968	ND	

**Final Approval**

  
 Karen Winternheimer  
 10Jan2024  
 09:06:00 AM MST  
 PREPARED BY / DATE

  
 Sam Smith  
 10Jan2024  
 09:10:00 AM MST  
 APPROVED BY / DATE

Prepared for:  
**North Brands LLC**

## Higher Vibes Blackberry Mango

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### Pesticides


Test ID: T000266736

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: T000266738


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/3e24bd58-a47c-46b5-b693-ecf8b3cec81e>

## 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<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 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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