SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Higher Vibes Blackberry Mango

Prepared for:
North Brands LLC

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	
NCC0017	Various	Unit	
Reported:	Started:	Received:	
25Jul2023	25Jul2023	25Jul2023	

Cannabinoids

Test ID: T000249727
Methods: TM14 (HPLC-DAD)

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.145	0.482	ND	ND	# of Servings = 1, Sample Weight=355g
Cannabichromenic Acid (CBCA)	0.133	0.441	ND	ND	
Cannabidiol (CBD)	0.521	1.437	13.570	0.00	
Cannabidiolic Acid (CBDA)	0.535	1.474	ND	ND	
Cannabidivarin (CBDV)	0.123	0.340	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.223	0.615	ND	ND	
Cannabigerol (CBG)	0.082	0.274	ND	ND	
Cannabigerolic Acid (CBGA)	0.345	1.143	ND	ND	
Cannabinol (CBN)	0.108	0.357	ND	ND	
Cannabinolic Acid (CBNA)	0.235	0.780	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.411	1.362	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.373	1.237	6.690	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.331	1.096	ND	ND	
Tetrahydrocannabivarin (THCV)	0.075	0.249	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.292	0.967	ND	ND	
Total Cannabinoids			**20.260**	**0.00**	
Total Potential THC			6.690	0.00	
Total Potential CBD			13.570	0.00	

Final Approval

Samantha Smith
Sam Smith
25Jul2023
03:03:00 PM MDT
PREPARED BY / DATE

K Winternheimer
Karen Winternheimer
25Jul2023
03:05:00 PM MDT
APPROVED BY / DATE

SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
North Brands LLC

Higher Vibes Blackberry Mango

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	
NCC0017	Various	Unit	
Reported:	Started:	Received:	
25Jul2023	25Jul2023	25Jul2023	

Residual Solvents

Test ID: T000249730
Methods: TM04 (GC-MS): Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	110 - 2190	ND	
Butanes (Isobutane, n-Butane)	212 - 4245	ND	
Methanol	66 - 1324	ND	
Pentane	107 - 2141	ND	
Ethanol	110 - 2191	ND	
Acetone	108 - 2158	ND	
Isopropyl Alcohol	112 - 2241	ND	
Hexane	6 - 130	ND	
Ethyl Acetate	108 - 2160	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	106 - 2123	ND	
Toluene	19 - 389	ND	
Xylenes (m,p,o-Xylenes)	143 - 2866	ND	

Final Approval

Karen Winternheimer
26Jul2023
10:25:00 AM MDT
PREPARED BY / DATE

Sam Smith
26Jul2023
10:27:00 AM MDT
APPROVED BY / DATE

SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Higher Vibes Blackberry Mango

Prepared for:
North Brands LLC

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	
NCC0017	Various	Unit	
Reported:	Started:	Received:	
25Jul2023	25Jul2023	25Jul2023	

Pesticides

Test ID: T000249728
Methods: TM17

(LC-QQ LC MS/MS)	**Dynamic Range** (ppb)	**Result** (ppb)		**Dynamic Range** (ppb)	**Result** (ppb)
Abamectin	268 - 2844	ND	Malathion	284 - 2765	ND
Acephate	42 - 2750	ND	Metalaxyl	42 - 2747	ND
Acetamiprid	41 - 2769	ND	Methiocarb	42 - 2785	ND
Azoxystrobin	42 - 2753	ND	Methomyl	39 - 2784	ND
Bifenazate	45 - 2725	ND	MGK 264 1	161 - 1688	ND
Boscalid	46 - 2724	ND	MGK 264 2	107 - 1070	ND
Carbaryl	43 - 2733	ND	Myclobutanil	48 - 2763	ND
Carbofuran	43 - 2729	ND	Naled	49 - 2738	ND
Chlorantraniliprole	39 - 2751	ND	Oxamyl	40 - 2789	ND
Chlorpyrifos	42 - 2743	ND	Paclobutrazol	42 - 2713	ND
Clofentezine	278 - 2762	ND	Permethrin	276 - 2768	ND
Diazinon	302 - 2751	ND	Phosmet	42 - 2738	ND
Dichlorvos	272 - 2804	ND	Prophos	279 - 2785	ND
Dimethoate	40 - 2747	ND	Propoxur	42 - 2722	ND
E-Fenpyroximate	295 - 2751	ND	Pyridaben	301 - 2699	ND
Etofenprox	44 - 2734	ND	Spinosad A	28 - 2095	ND
Etoxazole	300 - 2724	ND	Spinosad D	66 - 664	ND
Fenoxycarb	2 - 2727	ND	Spiromesifen	294 - 2738	ND
Fipronil	52 - 2695	ND	Spirotetramat	295 - 2805	ND
Flonicamid	45 - 2783	ND	Spiroxamine 1	18 - 1248	ND
Fludioxonil	294 - 2761	ND	Spiroxamine 2	22 - 1532	ND
Hexythiazox	44 - 2740	ND	Tebuconazole	284 - 2736	ND
Imazalil	277 - 2786	ND	Thiacloprid	41 - 2741	ND
Imidacloprid	42 - 2796	ND	Thiamethoxam	39 - 2796	ND
Kresoxim-methyl	46 - 2746	ND	Trifloxystrobin	43 - 2712	ND

Final Approval

Samantha Smith
Sam Smith
28Jul2023
12:20:00 PM MDT
PREPARED BY / DATE

K Winternheimer
Karen Winternheimer
28Jul2023
12:27:00 PM MDT
APPROVED BY / DATE

SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
North Brands LLC

Higher Vibes Blackberry Mango

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	
NCC0017	Various	Unit	
Reported:	Started:	Received:	
25Jul2023	25Jul2023	25Jul2023	

Heavy Metals

Test ID: T000249729
Methods: TM19 (ICP-MS): Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.05 - 4.66	ND	
Cadmium	0.05 - 4.55	ND	
Mercury	0.05 - 4.64	ND	
Lead	0.04 - 4.44	ND	

Final Approval

Sam Smith
31Jul2023
12:41:00 PM MDT
PREPARED BY / DATE

Karen Winternheimer
31Jul2023
12:44:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/5e932bc4-06fe-4801-b175-eb05aa111f8d

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.

Cert #4329.02
5e932bc406fe4801b175eb05aa111f8d.1