SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Vibes Pineapple Orange

Prepared for:
North Brands LLC

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	
NCC0010	Various	Finished Product	
Reported:	**Started:**	**Received:**	
29Jun2023	28Jun2023	27Jun2023	

Cannabinoids

Test ID: T000247347

Methods: TM14 (HPLC-DAD)	**LOD** (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.186	0.532	ND	ND	# of Servings = 1, Sample Weight=355g
Cannabichromenic Acid (CBCA)	0.171	0.486	ND	ND	
Cannabidiol (CBD)	0.500	1.309	5.060	0.00	
Cannabidiolic Acid (CBDA)	0.513	1.343	ND	ND	
Cannabidivarin (CBDV)	0.118	0.310	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.214	0.560	ND	ND	
Cannabigerol (CBG)	0.106	0.302	ND	ND	
Cannabigerolic Acid (CBGA)	0.443	1.262	ND	ND	
Cannabinol (CBN)	0.138	0.394	ND	ND	
Cannabinolic Acid (CBNA)	0.302	0.861	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.527	1.503	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.479	1.365	2.370	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.424	1.210	ND	ND	
Tetrahydrocannabivarin (THCV)	0.096	0.275	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.374	1.067	ND	ND	
Total Cannabinoids			**7.430**	**0.00**	
Total Potential THC			2.370	0.00	
Total Potential CBD			5.060	0.00	

Final Approval

Karen Winternheimer
29Jun2023
11:16:00 AM MDT
PREPARED BY / DATE

Sam Smith
29Jun2023
11:18:00 AM MDT
APPROVED BY / DATE

Heavy Metals

Test ID: T000247349

Methods: TM19 (ICP-MS): Heavy Metals	**Dynamic Range** (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.03 - 3.25	ND	
Cadmium	0.05 - 4.67	ND	
Mercury	0.04 - 3.85	ND	
Lead	0.04 - 3.98	ND	

Final Approval

Sam Smith
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Karen Winternheimer
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Pesticides

Test ID: T000247348
Methods: TM17

(LC-QQ LC MS/MS)	**Dynamic Range** (ppb)	**Result** (ppb)		**Dynamic Range** (ppb)	**Result** (ppb)
Abamectin	308 - 2726	ND	Malathion	288 - 2702	ND
Acephate	43 - 2716	ND	Metalaxyl	46 - 2683	ND
Acetamiprid	42 - 2723	ND	Methiocarb	42 - 2713	ND
Azoxystrobin	46 - 2669	ND	Methomyl	42 - 2746	ND
Bifenazate	44 - 2667	ND	MGK 264 1	165 - 1708	ND
Boscalid	34 - 2701	ND	MGK 264 2	103 - 1089	ND
Carbaryl	39 - 2722	ND	Myclobutanil	45 - 2719	ND
Carbofuran	43 - 2710	ND	Naled	44 - 2717	ND
Chlorantraniliprole	43 - 2726	ND	Oxamyl	41 - 2764	ND
Chlorpyrifos	39 - 2759	ND	Paclobutrazol	46 - 2715	ND
Clofentezine	288 - 2741	ND	Permethrin	275 - 2730	ND
Diazinon	282 - 2686	ND	Phosmet	46 - 2656	ND
Dichlorvos	285 - 2755	ND	Prophos	293 - 2688	ND
Dimethoate	41 - 2731	ND	Propoxur	43 - 2714	ND
E-Fenpyroximate	272 - 2762	ND	Pyridaben	282 - 2760	ND
Etofenprox	43 - 2725	ND	Spinosad A	30 - 2076	ND
Etoxazole	278 - 2748	ND	Spinosad D	58 - 670	ND
Fenoxycarb	13 - 2670	ND	Spiromesifen	269 - 2733	ND
Fipronil	60 - 2716	ND	Spirotetramat	284 - 2693	ND
Flonicamid	52 - 2707	ND	Spiroxamine 1	18 - 1200	ND
Fludioxonil	306 - 2679	ND	Spiroxamine 2	24 - 1504	ND
Hexythiazox	40 - 2786	ND	Tebuconazole	287 - 2718	ND
Imazalil	267 - 2685	ND	Thiacloprid	41 - 2710	ND
Imidacloprid	45 - 2814	ND	Thiamethoxam	39 - 2741	ND
Kresoxim-methyl	45 - 2697	ND	Trifloxystrobin	44 - 2705	ND

Final Approval

Karen Winternheimer
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Sam Smith
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Residual Solvents

Test ID: T000247350
Methods: TM04 (GC-MS): Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	104 - 2085	ND	
Butanes (Isobutane, n-Butane)	210 - 4200	ND	
Methanol	63 - 1265	ND	
Pentane	104 - 2073	ND	
Ethanol	107 - 2148	ND	
Acetone	102 - 2040	ND	
Isopropyl Alcohol	106 - 2129	ND	
Hexane	6 - 123	ND	
Ethyl Acetate	105 - 2093	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	104 - 2089	ND	
Toluene	19 - 372	ND	
Xylenes (m,p,o-Xylenes)	140 - 2801	ND	

Final Approval

Sam Smith
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Karen Winternheimer
29Jun2023
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https://results.botanacor.com/api/v1/coas/uuid/6b167620-a5cd-4282-9ede-32dba9b5aaf7

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
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