SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Higher Vibes Pineapple Orange

Prepared for:
North Brands LLC

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	
NCC0028	Various	Unit	
Reported:	Started:	Received:	
29Aug2023	29Aug2023	29Aug2023	

Cannabinoids

Test ID: T000254470

Methods: TM14 (HPLC-DAD)	**LOD** (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.207	0.490	ND	ND	# of Servings = 1, Sample Weight=355g
Cannabichromenic Acid (CBCA)	0.189	0.448	ND	ND	
Cannabidiol (CBD)	0.579	1.325	9.530	0.00	
Cannabidiolic Acid (CBDA)	0.594	1.359	ND	ND	
Cannabidivarin (CBDV)	0.137	0.313	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.248	0.567	ND	ND	
Cannabigerol (CBG)	0.118	0.278	ND	ND	
Cannabigerolic Acid (CBGA)	0.491	1.163	ND	ND	
Cannabinol (CBN)	0.153	0.363	ND	ND	
Cannabinolic Acid (CBNA)	0.335	0.793	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.585	1.385	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.531	1.258	5.490	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.471	1.114	ND	ND	
Tetrahydrocannabivarin (THCV)	0.107	0.253	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.415	0.983	ND	ND	
Total Cannabinoids			**15.020**	**0.00**	
Total Potential THC			5.490	0.00	
Total Potential CBD			9.530	0.00	

Final Approval

Sam Smith
29Aug2023
03:38:00 PM MDT
PREPARED BY / DATE

Karen Winternheimer
29Aug2023
03:47:00 PM MDT
APPROVED BY / DATE

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Pesticides

Test ID: T000254471
Methods: TM17

(LC-QQ LC MS/MS)	**Dynamic Range** (ppb)	**Result** (ppb)		**Dynamic Range** (ppb)	**Result** (ppb)
Abamectin	388 - 2653	ND	Malathion	284 - 2750	ND
Acephate	41 - 2816	ND	Metalaxyl	43 - 2743	ND
Acetamiprid	42 - 2759	ND	Methiocarb	42 - 2757	ND
Azoxystrobin	44 - 2750	ND	Methomyl	40 - 2790	ND
Bifenazate	47 - 2720	ND	MGK 264 1	164 - 1647	ND
Boscalid	44 - 2750	ND	MGK 264 2	110 - 1056	ND
Carbaryl	42 - 2710	ND	Myclobutanil	78 - 2694	ND
Carbofuran	43 - 2707	ND	Naled	48 - 2734	ND
Chlorantraniliprole	49 - 2751	ND	Oxamyl	41 - 2772	ND
Chlorpyrifos	47 - 2728	ND	Paclobutrazol	48 - 2711	ND
Clofentezine	284 - 2755	ND	Permethrin	294 - 2796	ND
Diazinon	272 - 2747	ND	Phosmet	43 - 2724	ND
Dichlorvos	282 - 2806	ND	Prophos	288 - 2762	ND
Dimethoate	41 - 2745	ND	Propoxur	41 - 2694	ND
E-Fenpyroximate	284 - 2792	ND	Pyridaben	292 - 2755	ND
Etofenprox	42 - 2734	ND	Spinosad A	30 - 2054	ND
Etoxazole	292 - 2752	ND	Spinosad D	65 - 673	ND
Fenoxycarb	18 - 2767	ND	Spiromesifen	276 - 2742	ND
Fipronil	36 - 2704	ND	Spirotetramat	272 - 2805	ND
Flonicamid	44 - 2793	ND	Spiroxamine 1	18 - 1218	ND
Fludioxonil	273 - 2732	ND	Spiroxamine 2	23 - 1537	ND
Hexythiazox	42 - 2743	ND	Tebuconazole	272 - 2770	ND
Imazalil	256 - 2785	ND	Thiacloprid	41 - 2760	ND
Imidacloprid	37 - 2860	ND	Thiamethoxam	40 - 2786	ND
Kresoxim-methyl	39 - 2777	ND	Trifloxystrobin	43 - 2703	ND

Final Approval

Karen Winternheimer
31Aug2023
10:19:00 AM MDT
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Sam Smith
31Aug2023
10:22:00 AM MDT
APPROVED BY / DATE

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Residual Solvents

Test ID: T000254473
Methods: TM04 (GC-MS): Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	88 - 1757	ND	
Butanes (Isobutane, n-Butane)	179 - 3578	ND	
Methanol	58 - 1169	ND	
Pentane	91 - 1829	ND	
Ethanol	97 - 1948	ND	
Acetone	95 - 1897	ND	
Isopropyl Alcohol	100 - 1995	ND	
Hexane	6 - 111	ND	
Ethyl Acetate	95 - 1894	ND	
Benzene	0.2 - 3.7	ND	
Heptanes	92 - 1836	ND	
Toluene	17 - 340	ND	
Xylenes (m,p,o-Xylenes)	125 - 2496	ND	

Final Approval

Karen Winternheimer
01Sep2023
06:25:00 AM MDT
PREPARED BY / DATE

Sam Smith
01Sep2023
06:27:00 AM MDT
APPROVED BY / DATE

Heavy Metals

Test ID: T000254472
Methods: TM19 (ICP-MS): Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.05 - 4.66	ND	
Cadmium	0.05 - 4.85	ND	
Mercury	0.05 - 4.80	ND	
Lead	0.05 - 4.73	ND	

Final Approval

Sam Smith
05Sep2023
04:02:00 PM MDT
PREPARED BY / DATE

Karen Winternheimer
05Sep2023
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https://results.botanacor.com/api/v1/coas/uuid/ec32ca31-53ec-454e-978a-be6a9fbac5a5

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.

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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