

Prepared for:
North Brands LLC

Higher Vibes - Pineapple Orange

Batch ID or Lot Number: NCC0069	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 5
Reported: 08Mar2024	Started: 08Mar2024	Received: 08Mar2024	


Cannabinoids

Test ID: T000273580

Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.135	0.441	ND	ND	# of Servings = 1, Sample Weight=355g
Cannabichromenic Acid (CBCA)	0.123	0.404	ND	ND	
Cannabidiol (CBD)	0.450	1.260	10.470	0.00	
Cannabidiolic Acid (CBDA)	0.462	1.293	ND	ND	
Cannabidivarin (CBDV)	0.106	0.298	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.193	0.539	ND	ND	
Cannabigerol (CBG)	0.077	0.251	ND	ND	
Cannabigerolic Acid (CBGA)	0.320	1.048	ND	ND	
Cannabinol (CBN)	0.100	0.327	ND	ND	
Cannabinolic Acid (CBNA)	0.218	0.715	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.381	1.248	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.346	1.134	4.710	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.307	1.004	ND	ND	
Tetrahydrocannabivarin (THCV)	0.070	0.228	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.271	0.886	ND	ND	
Total Cannabinoids			15.180	0.00	
Total Potential THC			4.710	0.00	
Total Potential CBD			10.470	0.00	

Final Approval


 Karen Winternheimer
 08Mar2024
 03:23:00 PM MST
 PREPARED BY / DATE


 Phillip Travisano
 08Mar2024
 03:26:00 PM MST
 APPROVED BY / DATE

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Microbial Contaminants


Test ID: T000273582

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

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

Final Approval


Eden Thompson-Wright
11Mar2024
11:16:00 AM MDT
PREPARED BY / DATE


Brett Hudson
11Mar2024
11:47:00 AM MDT
APPROVED BY / DATE

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Pesticides

Test ID: T000273581

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	392 - 2731	ND		Malathion	283 - 2748	ND
Acephate	42 - 2664	ND		Metalaxyl	46 - 2742	ND
Acetamiprid	44 - 2648	ND		Methiocarb	44 - 2738	ND
Azoxystrobin	47 - 2718	ND		Methomyl	45 - 2685	ND
Bifenazate	47 - 2741	ND		MGK 264 1	164 - 1602	ND
Boscalid	39 - 2707	ND		MGK 264 2	127 - 1068	ND
Carbaryl	42 - 2679	ND		Myclobutanil	44 - 2663	ND
Carbofuran	44 - 2687	ND		Naled	49 - 2691	ND
Chlorantraniliprole	38 - 2697	ND		Oxamyl	43 - 2699	ND
Chlorpyrifos	54 - 2722	ND		Paclobutrazol	44 - 2693	ND
Clofentezine	280 - 2713	ND		Permethrin	159 - 2746	ND
Diazinon	286 - 2720	ND		Phosmet	39 - 2612	ND
Dichlorvos	266 - 2715	ND		Prophos	306 - 2711	ND
Dimethoate	44 - 2642	ND		Propoxur	47 - 2704	ND
E-Fenpyroximate	229 - 2831	ND		Pyridaben	295 - 2707	ND
Etofenprox	49 - 2693	ND		Spinosad A	34 - 2071	ND
Etoxazole	301 - 2626	ND		Spinosad D	67 - 652	ND
Fenoxycarb	43 - 2722	ND		Spiromesifen	290 - 2706	ND
Fipronil	61 - 2766	ND		Spirotetramat	295 - 2796	ND
Flonicamid	56 - 2698	ND		Spiroxamine 1	15 - 1051	ND
Fludioxonil	284 - 2706	ND		Spiroxamine 2	24 - 1592	ND
Hexythiazox	42 - 2735	ND		Tebuconazole	297 - 2745	ND
Imazalil	281 - 2771	ND		Thiacloprid	45 - 2648	ND
Imidacloprid	45 - 2681	ND		Thiamethoxam	43 - 2686	ND
Kresoxim-methyl	45 - 2785	ND		Trifloxystrobin	46 - 2706	ND

Final Approval

 Karen Winternheimer
13Mar2024
09:45:00 AM MDT
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 Phillip Travisano
13Mar2024
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Residual Solvents


Test ID: T000273584

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	136 - 2730	ND	
Butanes (Isobutane, n-Butane)	255 - 5110	ND	
Methanol	76 - 1525	ND	
Pentane	121 - 2426	ND	
Ethanol	124 - 2475	ND	
Acetone	122 - 2443	ND	
Isopropyl Alcohol	123 - 2465	ND	
Hexane	8 - 154	ND	
Ethyl Acetate	123 - 2458	ND	
Benzene	0.2 - 4.9	ND	
Heptanes	119 - 2386	ND	
Toluene	22 - 436	ND	
Xylenes (m,p,o-Xylenes)	154 - 3079	ND	

Final Approval


 Karen Winternheimer
 13Mar2024
 10:30:00 AM MDT
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 Phillip Travisano
 13Mar2024
 10:31:00 AM MDT
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Heavy Metals


Test ID: T000273583

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.62	ND	
Cadmium	0.05 - 4.51	ND	
Mercury	0.05 - 4.59	ND	
Lead	0.04 - 4.50	ND	

Final Approval


 Phillip Travisano
 13Mar2024
 12:04:00 PM MDT
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 Karen Winternheimer
 13Mar2024
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<https://results.botanacor.com/api/v1/coas/uuid/22b56f89-e71e-4df5-b68c-ebdbd2ecdcee>

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 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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