

Prepared for:

### **North Brands LLC**

# North Higher Vibes Pineapple Orange

Batch ID or Lot Number: NCC0064	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 5
Reported:	Started:	Received:	
16Feb2024	16Feb2024	16Feb2024	

### **Cannabinoids**

Test	ID:	T000271171
	. – .	

Methods: TM14 (HPLC-DAD)	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.143	0.479	ND	ND	# of Servings = '
Cannabichromenic Acid (CBCA)	0.131	0.439	ND	ND	Sample
Cannabidiol (CBD)	0.513	1.286	9.740	0.00	Weight=355g
Cannabidiolic Acid (CBDA)	0.526	1.319	ND	ND	
Cannabidivarin (CBDV)	0.121	0.304	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.219	0.550	ND	ND	
Cannabigerol (CBG)	0.081	0.272	ND	ND	
Cannabigerolic Acid (CBGA)	0.339	1.138	ND	ND	
Cannabinol (CBN)	0.106	0.355	ND	ND	
Cannabinolic Acid (CBNA)	0.231	0.776	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.404	1.356	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.367	1.231	4.980	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.325	1.091	ND	ND	
Tetrahydrocannabivarin (THCV)	0.074	0.248	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.287	0.962	ND	ND	
Total Cannabinoids			14.720	0.00	•
Total Potential THC			4.980	0.00	
Total Potential CBD			9.740	0.00	

**Final Approval** 

Garrantha Smoll 16Feb2024 03:38:00 PM MST

Sam Smith

PREPARED BY / DATE

Winternheumer 04:19:00 PM MST APPROVED BY / DATE

Karen Winternheimer 16Feb2024



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### Microbial

### **Contaminants**

Test ID: T000271173

Methods: TM25 (PCR) TM24, TM26,			Quantitation		
TM27 (Culture Plating)	Method	LOD	Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	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**

Buanne Maillot 19Feb2024

Brianne Maillot 19Feb2024 09:57:00 AM MST

Eden Thompson

Eden Thompson-Wright 19Feb2024 02:10:00 PM MST

PREPARED BY / DATE

APPROVED BY / DATE



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#### **Residual Solvents**

Test ID: T000271175

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	89 - 1772	ND	
Butanes (Isobutane, n-Butane)	164 - 3279	ND	
Methanol	53 - 1063	ND	
Pentane	73 - 1463	ND	
Ethanol	79 - 1572	ND	
Acetone	91 - 1816	ND	
Isopropyl Alcohol	94 - 1884	ND	
Hexane	5 - 109	ND	
Ethyl Acetate	88 - 1762	ND	
Benzene	0.2 - 3.6	ND	
Heptanes	81 - 1625	ND	
Toluene	16 - 312	ND	
Xylenes (m,p,o-Xylenes)	108 - 2157	ND	

#### **Final Approval**

Mutenhume 02:03:00 PM MST PREPARED BY / DATE

Karen Winternheimer 20Feb2024

Samantha Smill 20Feb2024 APPROVED BY / DATE

Sam Smith 02:04:00 PM MST

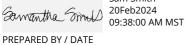
**Heavy Metals** 

Test ID: T000271174

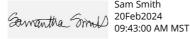
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 5.10	ND	
Cadmium	0.05 - 4.91	ND	_
Mercury	0.05 - 5.15	ND	_
Lead	0.05 - 5.11	ND	_

#### **Final Approval**



Sam Smith



Sam Smith

APPROVED BY / DATE



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### **Pesticides**

Test ID: T000271172 Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)	
Abamectin	298 - 2748	ND	
Acephate	40 - 2730	ND	
Acetamiprid	41 - 2685	ND	
Azoxystrobin	44 - 2703	ND	
Bifenazate	43 - 2708	ND	
Boscalid	43 - 2663	ND	
Carbaryl	42 - 2688	ND	
Carbofuran	42 - 2688	ND	
Chlorantraniliprole	45 - 2679	ND	
Chlorpyrifos	49 - 2741	ND	
Clofentezine	272 - 2696	ND	
Diazinon	290 - 2697	ND	
Dichlorvos	266 - 2739	ND	
Dimethoate	42 - 2678	ND	
E-Fenpyroximate	278 - 2800	ND	
Etofenprox	43 - 2717	ND	
Etoxazole	293 - 2631	ND	
Fenoxycarb	42 - 2698	ND	
Fipronil	37 - 2786	ND	
Flonicamid	42 - 2769	ND	
Fludioxonil	267 - 2685	ND	
Hexythiazox	42 - 2738	ND	
Imazalil	284 - 2712	ND	
Imidacloprid	41 - 2770	ND	
Kresoxim-methyl	45 - 2738	ND	

	<b>Dynamic Range</b> (ppb)	Result (ppb)
Malathion	288 - 2690	ND
Metalaxyl	41 - 2695	ND
Methiocarb	42 - 2685	ND
Methomyl	41 - 2765	ND
MGK 264 1	159 - 1637	ND
MGK 264 2	111 - 1064	ND
Myclobutanil	36 - 2665	ND
Naled	42 - 2657	ND
Oxamyl	41 - 2737	ND
Paclobutrazol	44 - 2728	ND
Permethrin	290 - 2776	ND
Phosmet	40 - 2577	ND
Prophos	282 - 2675	ND
Propoxur	42 - 2694	ND
Pyridaben	297 - 2691	ND
Spinosad A	34 - 2075	ND
Spinosad D	67 - 658	ND
Spiromesifen	268 - 2692	ND
Spirotetramat	285 - 2786	ND
Spiroxamine 1	16 - 1030	ND
Spiroxamine 2	24 - 1613	ND
Tebuconazole	290 - 2686	ND
Thiacloprid	41 - 2696	ND
Thiamethoxam	42 - 2750	ND
Trifloxystrobin	43 - 2702	ND

**Final Approval** 

PREPARED BY / DATE

Karen Winternheimer 21Feb2024 Mtenheme 11:47:00 AM MST

Samantha Smill 21Feb2024 11:48:00 AM MST

Sam Smith

APPROVED BY / DATE



**North Higher Vibes Pineapple Orange** 

## CERTIFICATE OF ANALYSIS

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https://results.botanacor.com/api/v1/coas/uuid/7722a5c6-bdda-454b-868b-8e37a06245d3

#### 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 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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