

Prepared for:  
**North Brands LLC**

## Higher Vibes Pineapple Orange

Batch ID or Lot Number: <b>NCC0036</b>	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 4
Reported: <b>27Sep2023</b>	Started: 27Sep2023	Received: 27Sep2023	


### Cannabinoids


Test ID: T000257479

Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.148	0.467	ND	ND	# of Servings = 1, Sample Weight=355g
Cannabichromenic Acid (CBCA)	0.135	0.427	ND	ND	
Cannabidiol (CBD)	0.425	1.202	11.670	0.00	
Cannabidiolic Acid (CBDA)	0.436	1.232	ND	ND	
Cannabidivarin (CBDV)	0.100	0.284	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.182	0.514	ND	ND	
Cannabigerol (CBG)	0.084	0.265	ND	ND	
Cannabigerolic Acid (CBGA)	0.351	1.108	ND	ND	
Cannabinol (CBN)	0.110	0.346	ND	ND	
Cannabinolic Acid (CBNA)	0.239	0.756	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.418	1.320	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.380	1.199	5.420	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.337	1.062	ND	ND	
Tetrahydrocannabivarin (THCV)	0.076	0.241	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.297	0.937	ND	ND	
<b>Total Cannabinoids</b>			<b>17.090</b>	<b>0.00</b>	
Total Potential THC			5.420	0.00	
Total Potential CBD			11.670	0.00	

### Final Approval

 Karen Winternheimer  
27Sep2023  
04:01:00 PM MDT  
PREPARED BY / DATE

 Sam Smith  
27Sep2023  
04:01:00 PM MDT  
APPROVED BY / DATE

Prepared for:  
**North Brands LLC**

**Higher Vibes Pineapple Orange**


Batch ID or Lot Number: <b>NCC0036</b>	Test, Test ID and Methods: Various	Matrix: Unit	Page 2 of 4
Reported: <b>27Sep2023</b>	Started: 27Sep2023	Received: 27Sep2023	


**Residual Solvents**

Test ID: T000257482  
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	106 - 2130	ND	
Butanes (Isobutane, n-Butane)	216 - 4313	ND	
Methanol	66 - 1322	ND	
Pentane	109 - 2180	ND	
Ethanol	111 - 2210	ND	
Acetone	110 - 2195	ND	
Isopropyl Alcohol	114 - 2278	ND	
Hexane	7 - 133	ND	
Ethyl Acetate	113 - 2252	ND	
Benzene	0.2 - 4.5	ND	
Heptanes	111 - 2213	ND	
Toluene	20 - 397	ND	
Xylenes (m,p,o-Xylenes)	146 - 2928	ND	

**Final Approval**

  
 Karen Winternheimer  
 28Sep2023  
 01:12:00 PM MDT  
 PREPARED BY / DATE

  
 Sam Smith  
 28Sep2023  
 01:15:00 PM MDT  
 APPROVED BY / DATE

Prepared for:  
**North Brands LLC**

## Higher Vibes Pineapple Orange

Batch ID or Lot Number: <b>NCC0036</b>	Test, Test ID and Methods: Various	Matrix: Unit	Page 3 of 4
Reported: <b>27Sep2023</b>	Started: 27Sep2023	Received: 27Sep2023	

## Microbial Contaminants

Test ID: T000257480

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

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	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

 Eden Thompson-Wright 30Sep2023 10:35:00 AM MDT	 Brianne Maillot 02Oct2023 03:01:00 PM MDT
PREPARED BY / DATE	APPROVED BY / DATE

## Heavy Metals

Test ID: T000257481

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.76	ND	
Cadmium	0.05 - 4.76	ND	
Mercury	0.05 - 4.68	ND	
Lead	0.05 - 4.69	ND	

### Final Approval

 Samantha Smith 03Oct2023 12:57:00 PM MDT	 Karen Winternheimer 03Oct2023 01:01:00 PM MDT
PREPARED BY / DATE	APPROVED BY / DATE

Prepared for:  
**North Brands LLC**

## Higher Vibes Pineapple Orange

Batch ID or Lot Number: <b>NCC0036</b>	Test, Test ID and Methods: Various	Matrix: Unit	Page 4 of 4
Reported: <b>27Sep2023</b>	Started: 27Sep2023	Received: 27Sep2023	



<https://results.botanacor.com/api/v1/coas/uuid/0eaf7d0a-cc0e-4e91-ae83-fbb527c5387f>

**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  $\times$  (0.877)) and Total CBD = CBD + (CBDa  $\times$  (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  $\times$  (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](#).



Cert #4329.02  
0eaf7d0acc0e4e91ae83fbb527c5387f.1