

Prepared for:
North Brands LLC

North High Tonics Prickly Pear Lime

Batch ID or Lot Number: NCC1006	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 3
Reported: 26Jan2024	Started: 26Jan2024	Received: 26Jan2024	


Cannabinoids

Test ID: T000268890


Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.151	0.518	ND	ND	# of Servings = 1, Sample Weight=355g
Cannabichromenic Acid (CBCA)	0.138	0.474	ND	ND	
Cannabidiol (CBD)	0.478	1.490	ND	ND	
Cannabidiolic Acid (CBDA)	0.490	1.528	ND	ND	
Cannabidivarin (CBDV)	0.113	0.352	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.204	0.637	ND	ND	
Cannabigerol (CBG)	0.086	0.294	ND	ND	
Cannabigerolic Acid (CBGA)	0.359	1.229	ND	ND	
Cannabinol (CBN)	0.112	0.384	ND	ND	
Cannabinolic Acid (CBNA)	0.245	0.839	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.427	1.465	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.388	1.330	10.620	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.344	1.179	ND	ND	
Tetrahydrocannabivarin (THCV)	0.078	0.268	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.303	1.040	ND	ND	
Total Cannabinoids			10.620	0.00	
Total Potential THC			10.620	0.00	
Total Potential CBD			ND	ND	

Final Approval

 Sam Smith
27Jan2024
05:32:00 PM MST

PREPARED BY / DATE

 Karen Winternheimer
27Jan2024
05:33:00 PM MST

APPROVED BY / DATE

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Microbial Contaminants

Test ID: T000268891

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


Brianne Maillot
29Jan2024
02:11:00 PM MST


Eden Thompson-Wright
29Jan2024
03:10:00 PM MST

PREPARED BY / DATE

APPROVED BY / DATE


Heavy Metals


Test ID: T000268892

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.40	ND	
Cadmium	0.05 - 4.52	ND	
Mercury	0.05 - 4.63	ND	
Lead	0.05 - 4.55	ND	

Final Approval


Samantha Smith
30Jan2024
02:10:00 PM MST


Karen Winternheimer
31Jan2024
08:39:00 AM MST

PREPARED BY / DATE

APPROVED BY / DATE

Prepared for:
North Brands LLC

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Residual Solvents


Test ID: T000268893

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	86 - 1716	ND	
Butanes (Isobutane, n-Butane)	182 - 3647	ND	
Methanol	62 - 1243	ND	
Pentane	85 - 1699	ND	
Ethanol	88 - 1763	ND	
Acetone	98 - 1969	ND	
Isopropyl Alcohol	104 - 2073	ND	
Hexane	6 - 123	ND	
Ethyl Acetate	102 - 2037	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	95 - 1903	ND	
Toluene	18 - 356	ND	
Xylenes (m,p,o-Xylenes)	128 - 2564	ND	

Final Approval


 Karen Winterheimer
 31Jan2024
 11:29:00 AM MST
 PREPARED BY / DATE


 Sam Smith
 31Jan2024
 11:31:00 AM MST
 APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/d37fb9e5-207c-4607-b669-eb63680dc5fb>

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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