

Prepared for:
TL Manufacturing LLC
 3225 E 42nd Ave
 Denver, CO USA 80216

Hoo Raa Raincloud repellent final



Batch ID or Lot Number: 230-001	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 2
Reported: 21Mar2022	Started: 18Mar2022	Received: 17Mar2022	

Microbial Contaminants - Colorado Compliance

Test ID: T000198689
 Methods: TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)

	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

 Jackson Osaghae-Nosa 21Mar2022 04:05:00 PM MDT PREPARED BY / DATE	 Brett Hudson 21Mar2022 04:30:00 PM MDT APPROVED BY / DATE
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Cannabinoids - Colorado Compliance

 Test ID: T000198688
 Methods: TM14 (HPLC-DAD): Potency - Full Spectrum
 Analysis, 0.3% THC

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	1.798	5.586	41.609	1.46	
Cannabichromenic Acid (CBCA)	1.645	5.110	ND	ND	
Cannabidiol (CBD)	4.737	15.228	1229.916	43.15	
Cannabidiolic Acid (CBDA)	4.858	15.619	ND	ND	
Cannabidivarin (CBDV)	1.120	3.602	9.583	0.34	
Cannabidivarinic Acid (CBDVA)	2.027	6.515	ND	ND	
Cannabigerol (CBG)	1.021	3.172	12.028	0.42	
Cannabigerolic Acid (CBGA)	4.268	13.259	ND	ND	
Cannabinol (CBN)	1.332	4.138	26.294	0.92	
Cannabinolic Acid (CBNA)	2.912	9.046	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	5.085	15.796	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	4.618	14.346	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	4.091	12.711	ND	ND	
Tetrahydrocannabivarin (THCV)	0.929	2.885	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	3.609	11.211	ND	ND	
Total Cannabinoids			1319.430	46.30	
Total Potential THC			ND	ND	
Total Potential CBD			1229.916	43.15	

Final Approval

 Sam Smith
 23Mar2022
 12:18:00 PM MDT
 PREPARED BY / DATE


 Ryan Weems
 23Mar2022
 01:47:00 PM MDT
 APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/baa5ef1f-afc2-4f8e-8243-6224a594e1ce>

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 Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited 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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