

CERTIFICATE OF ANALYSIS

Prepared for:

North Brands LLC

Batch ID or Lot Number: NCC0049	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 5	
Reported: 08Nov2023	Started: 08Nov2023	Received: 08Nov2023		

Cannabinoids

Methods: TM14 (HPLC-DAD)	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
			,		
Cannabichromene (CBC)	0.133	0.484	ND	ND	# of Servings = 1
Cannabichromenic Acid (CBCA)	0.122	0.443	ND	ND	Sample
Cannabidiol (CBD)	0.547	1.399	5.130	0.00	Weight=355g
Cannabidiolic Acid (CBDA)	0.561	1.435	ND	ND	
Cannabidivarin (CBDV)	0.129	0.331	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabidivarinic Acid (CBDVA)	0.234	0.599	ND	ND	
Cannabigerol (CBG)	0.076	0.275	ND	ND	
Cannabigerolic Acid (CBGA)	0.316	1.149	ND	ND	
Cannabinol (CBN)	0.099	0.359	ND	ND	
Cannabinolic Acid (CBNA)	0.216	0.784	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.377	1.369	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.342	1.244	2.610	0.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.303	1.102	ND	ND	
Tetrahydrocannabivarin (THCV)	0.069	0.250	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.267	0.972	ND	ND	
Total Cannabinoids			7.740	0.00	
Total Potential THC			2.610	0.00	
Total Potential CBD			5.130	0.00	

Final Approval

Samantha Small 08Nov2023 03:04:00 PM MST

Sam Smith

PREPARED BY / DATE

Karen Winternheimer Wittenhumen 08Nov2023 03:07:00 PM MST

APPROVED BY / DATE

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Pesticides

Test ID: T000261314

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)
Abamectin	331 - 2667	ND	Malathion	286 - 2685	ND
Acephate	40 - 2783	ND	Metalaxyl	43 - 2718	ND
Acetamiprid	42 - 2733	ND	Methiocarb	45 - 2694	ND
Azoxystrobin	45 - 2699	ND	Methomyl	41 - 2768	ND
Bifenazate	42 - 2750	ND	MGK 264 1	166 - 1591	ND
Boscalid	40 - 2737	ND	MGK 264 2	104 - 1084	ND
Carbaryl	39 - 2640	ND	Myclobutanil	54 - 2688	ND
Carbofuran	44 - 2678	ND	Naled	44 - 2649	ND
Chlorantraniliprole	43 - 2698	ND	Oxamyl	41 - 2793	ND
Chlorpyrifos	43 - 2706	ND	Paclobutrazol	43 - 2664	ND
Clofentezine	288 - 2730	ND	Permethrin	284 - 2791	ND
Diazinon	284 - 2678	ND	Phosmet	41 - 2577	ND
Dichlorvos	290 - 2795	ND	Prophos	301 - 2715	ND
Dimethoate	43 - 2719	ND	Propoxur	42 - 2685	ND
E-Fenpyroximate	284 - 2746	ND	Pyridaben	289 - 2780	ND
Etofenprox	47 - 2720	ND	Spinosad A	31 - 2077	ND
Etoxazole	288 - 2626	ND	Spinosad D	64 - 671	ND
Fenoxycarb	46 - 2652	ND	Spiromesifen	278 - 2762	ND
Fipronil	49 - 2780	ND	Spirotetramat	277 - 2736	ND
Flonicamid	46 - 2805	ND	Spiroxamine 1	16 - 1010	ND
Fludioxonil	301 - 2732	ND	Spiroxamine 2	26 - 1601	ND
Hexythiazox	43 - 2781	ND	Tebuconazole	288 - 2801	ND
Imazalil	267 - 2711	ND	Thiacloprid	44 - 2769	ND
Imidacloprid	50 - 2788	ND	Thiamethoxam	43 - 2808	ND
Kresoxim-methyl	49 - 2705	ND	Trifloxystrobin	44 - 2705	ND

Final Approval



Karen Winternheimer 10Nov2023 Munhumer 09:29:00 AM MST

Sam Smith Sawantha Smoll 10Nov2023 09:32:00 AM MST

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Residual Solvents

Test ID: T000261317
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	111 - 2211	ND	
Butanes (Isobutane, n-Butane)	206 - 4120	ND	
Methanol	70 - 1392	ND	
Pentane	109 - 2183	ND	
Ethanol	114 - 2289	ND	
Acetone	111 - 2211	ND	
Isopropyl Alcohol	117 - 2344	ND	
Hexane	7 - 135	ND	
Ethyl Acetate	114 - 2278	ND	
Benzene	0.2 - 4.4	ND	
Heptanes	109 - 2183	ND	
Toluene	20 - 401	ND	
Xylenes (m,p,o-Xylenes)	146 - 2918	ND	

Final Approval

PREPARED BY / DATE

Karen Winternheimer 12Nov2023 Watersheimer 10:48:00 AM MST

Sam Smith 12Nov2023 10:59:00 AM MST APPROVED BY / DATE



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NCC0049	Various	Unit	
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08Nov2023	08Nov2023	08Nov2023	

Microbial Contaminants

Test ID: T000261315 Methods: TM25 (PCR) TM24, TM26,			Quantitation		
TM27 (Culture Plating)	Method	LOD	Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and
Salmonella	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	- foreign matter
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	9
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



Brett Hudson 12Nov2023 01:03:00 PM MST

Eden Thompson APPROVED BY / DATE Eden Thompson-Wright 13Nov2023 09:22:00 AM MST

PREPARED BY / DATE

Heavy Metals

Test ID: T000261316 Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.65	ND	
Cadmium	0.05 - 5.03	ND	
Mercury	0.05 - 4.80	ND	•
Lead	0.05 - 4.66	ND	

Final Approval

Samanthe Smoll PREPARED BY / DATE

Sam Smith 17Nov2023 07:29:00 AM MST

nternheimer

Karen Winternheimer 17Nov2023 07:31:00 AM MST

APPROVED BY / DATE



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Definitions

https://results.botanacor.com/api/v1/coas/uuid/09232a05-1d40-495a-9ea5-cec27bcf9f33

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-THC *****(0.877)) and Total CBD = (CBD *****(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 by dynamic range of the method) during decarboxylation step. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total PC = THC + (THC *****(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.

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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