

Prepared for:

Max and Neo CBD

250mg Max and Neo CBD Organic

Batch ID or Lot Number: 142068141	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 7
Reported: 28Jul2023	Started: 27Jul2023	Received: 26Jul2023	


Pesticides


Test ID: T000249970

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	268 - 2844	ND		Malathion	284 - 2765	ND
Acephate	42 - 2750	ND		Metalaxyl	42 - 2747	ND
Acetamiprid	41 - 2769	ND		Methiocarb	42 - 2785	ND
Azoxystrobin	42 - 2753	ND		Methomyl	39 - 2784	ND
Bifenazate	45 - 2725	ND		MGK 264 1	161 - 1688	ND
Boscalid	46 - 2724	ND		MGK 264 2	107 - 1070	ND
Carbaryl	43 - 2733	ND		Myclobutanil	48 - 2763	ND
Carbofuran	43 - 2729	ND		Naled	49 - 2738	ND
Chlorantraniliprole	39 - 2751	ND		Oxamyl	40 - 2789	ND
Chlorpyrifos	42 - 2743	ND		Paclobutrazol	42 - 2713	ND
Clofentezine	278 - 2762	ND		Permethrin	276 - 2768	ND
Diazinon	302 - 2751	ND		Phosmet	42 - 2738	ND
Dichlorvos	272 - 2804	ND		Prophos	279 - 2785	ND
Dimethoate	40 - 2747	ND		Propoxur	42 - 2722	ND
E-Fenpyroximate	295 - 2751	ND		Pyridaben	301 - 2699	ND
Etofenprox	44 - 2734	ND		Spinosad A	28 - 2095	ND
Etoxazole	300 - 2724	ND		Spinosad D	66 - 664	ND
Fenoxycarb	2 - 2727	ND		Spiromesifen	294 - 2738	ND
Fipronil	52 - 2695	ND		Spirotetramat	295 - 2805	ND
Flonicamid	45 - 2783	ND		Spiroxamine 1	18 - 1248	ND
Fludioxonil	294 - 2761	ND		Spiroxamine 2	22 - 1532	ND
Hexythiazox	44 - 2740	ND		Tebuconazole	284 - 2736	ND
Imazalil	277 - 2786	ND		Thiacloprid	41 - 2741	ND
Imidacloprid	42 - 2796	ND		Thiamethoxam	39 - 2796	ND
Kresoxim-methyl	46 - 2746	ND		Trifloxystrobin	43 - 2712	ND

Final Approval


Sam Smith
28Jul2023
12:20:00 PM MDT
PREPARED BY / DATE


Karen Winternheimer
28Jul2023
12:27:00 PM MDT
APPROVED BY / DATE

Prepared for:

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Reported: 28Jul2023	Started: 27Jul2023	Received: 26Jul2023	

Cannabinoids

Test ID: T000249968

Methods: TM14 (HPLC-DAD): Potency - Broad

Spectrum Analysis, 0.01% THC

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	1.555	5.527	ND	ND	# of Servings = 1 Sample Weight=28.35g
Cannabichromenic Acid (CBCA)	1.422	5.056	ND	ND	
Cannabidiol (CBD)	5.294	14.382	287.668	10.15	
Cannabidiolic Acid (CBDA)	5.430	14.751	ND	ND	
Cannabidivarin (CBDV)	1.252	3.401	ND	ND	
Cannabidivarinic Acid (CBDVA)	2.265	6.153	ND	ND	
Cannabigerol (CBG)	0.883	3.138	ND	ND	
Cannabigerolic Acid (CBGA)	3.691	13.119	ND	ND	
Cannabinol (CBN)	1.152	4.094	ND	ND	
Cannabinolic Acid (CBNA)	2.518	8.951	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	4.397	15.629	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.666	2.366	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.590	2.096	ND	ND	
Tetrahydrocannabivarin (THCV)	0.803	2.854	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	3.121	11.093	ND	ND	
Total Cannabinoids			287.668	10.15	
Total Potential THC			ND	ND	
Total Potential CBD			287.668	10.15	

Final Approval



Karen Winternheimer
28Jul2023
01:39:00 PM MDT

PREPARED BY / DATE



Sam Smith
28Jul2023
01:41:00 PM MDT

APPROVED BY / DATE

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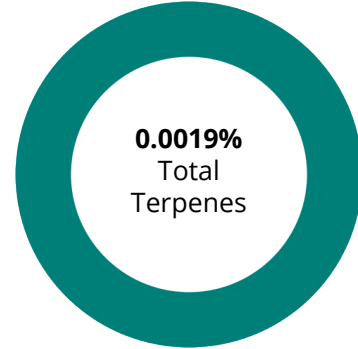
Batch ID or Lot Number: 142068141	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 3 of 7
Reported: 28Jul2023	Started: 27Jul2023	Received: 26Jul2023	

Terpenes

Test ID: T000249969

Methods: TM22 (GC-MS)

	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0000	0.0000
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0019	0.019
beta-Myrcene	0.0000	0.0000
beta-Ocimene	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0000	0.0000
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0000	0.0000
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0000	0.0000
	0.0019	0.0190



PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0000
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0019
beta-Myrcene	0.0000
d-Limonene	0.0000
delta-3-Carene	0.0000
Linalool	0.0000

Notes

Final Approval



Karen Winternheimer
28Jul2023
01:23:00 PM MDT

PREPARED BY / DATE



Sam Smith
28Jul2023
01:24:00 PM MDT

APPROVED BY / DATE

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Reported: 28Jul2023	Started: 27Jul2023	Received: 26Jul2023	

Residual Solvents

Test ID: T000249973

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	108 - 2160	ND	
Butanes (Isobutane, n-Butane)	211 - 4221	ND	
Methanol	67 - 1338	ND	
Pentane	107 - 2144	ND	
Ethanol	109 - 2180	ND	
Acetone	106 - 2128	ND	
Isopropyl Alcohol	111 - 2226	ND	
Hexane	6 - 130	ND	
Ethyl Acetate	109 - 2180	ND	
Benzene	0.2 - 4.5	ND	
Heptanes	108 - 2156	ND	
Toluene	20 - 393	ND	
Xylenes (m,p,o-Xylenes)	142 - 2847	ND	

Final Approval



Karen Winternheimer
28Jul2023
03:54:00 PM MDT

PREPARED BY / DATE



Sam Smith
28Jul2023
03:55:00 PM MDT

APPROVED BY / DATE

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Reported: 28Jul2023	Started: 27Jul2023	Received: 26Jul2023	

Microbial Contaminants

Test ID: T000249971


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
29Jul2023
11:51:00 AM MDT

PREPARED BY / DATE

 Eden Thompson-Wright
30Jul2023
11:30:00 AM MDT

APPROVED BY / DATE

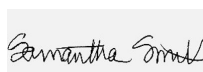
Heavy Metals

Test ID: T000249972


Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.66	ND	
Cadmium	0.05 - 4.55	ND	
Mercury	0.05 - 4.64	ND	
Lead	0.04 - 4.44	ND	

Final Approval

 Sam Smith
31Jul2023
12:41:00 PM MDT

PREPARED BY / DATE

 Karen Winternheimer
31Jul2023
12:44:00 PM MDT

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<https://results.botanacor.com/api/v1/coas/uuid/b7624b42-9b20-496e-8efb-5bab6c33cf88>

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](#).



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