

Prepared for:

**Max and Neo CBD**

## 1000mg Max and Neo CBD Organic

Batch ID or Lot Number: <b>142079141</b>	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 7
Reported: <b>28Jul2023</b>	Started: 28Jul2023	Received: 26Jul2023	

## Residual Solvents

Test ID: T000249961

Methods: TM04 (GC-MS): Residual


Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	103 - 2063	ND	
Butanes (Isobutane, n-Butane)	202 - 4032	ND	
Methanol	64 - 1278	ND	
Pentane	102 - 2048	ND	
Ethanol	104 - 2083	ND	
Acetone	102 - 2033	ND	
Isopropyl Alcohol	106 - 2127	ND	
Hexane	6 - 124	ND	
Ethyl Acetate	104 - 2083	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	103 - 2059	ND	
Toluene	19 - 375	ND	
Xylenes (m,p,o-Xylenes)	136 - 2719	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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**28Jul2023**

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28Jul2023

Received:

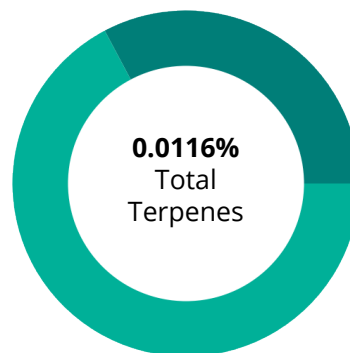
26Jul2023

**Terpenes**

Test ID: T000249957

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	0.0038	0.038
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0078	0.078
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
	<b>0.0116</b>	<b>0.1160</b>



**PREDOMINANT TERPENES**

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0038
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0078
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

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**Max and Neo CBD**

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## Pesticides

Test ID: T000249958

Methods: TM17

(LC-QQ LC MS/MS)

**Dynamic Range (ppb)**

**Result (ppb)**

Abamectin	268 - 2844	ND
Acephate	42 - 2750	ND
Acetamiprid	41 - 2769	ND
Azoxystrobin	42 - 2753	ND
Bifenazate	45 - 2725	ND
Boscalid	46 - 2724	ND
Carbaryl	43 - 2733	ND
Carbofuran	43 - 2729	ND
Chlorantraniliprole	39 - 2751	ND
Chlorpyrifos	42 - 2743	ND
Clofentezine	278 - 2762	ND
Diazinon	302 - 2751	ND
Dichlorvos	272 - 2804	ND
Dimethoate	40 - 2747	ND
E-Fenpyroximate	295 - 2751	ND
Etofenprox	44 - 2734	ND
Etoxazole	300 - 2724	ND
Fenoxycarb	2 - 2727	ND
Fipronil	52 - 2695	ND
Flonicamid	45 - 2783	ND
Fludioxonil	294 - 2761	ND
Hexythiazox	44 - 2740	ND
Imazalil	277 - 2786	ND
Imidacloprid	42 - 2796	ND
Kresoxim-methyl	46 - 2746	ND

**Dynamic Range (ppb)**

**Result (ppb)**

Malathion	284 - 2765	ND
Metalaxyl	42 - 2747	ND
Methiocarb	42 - 2785	ND
Methomyl	39 - 2784	ND
MGK 264 1	161 - 1688	ND
MGK 264 2	107 - 1070	ND
Myclobutanil	48 - 2763	ND
Naled	49 - 2738	ND
Oxamyl	40 - 2789	ND
Paclobutrazol	42 - 2713	ND
Permethrin	276 - 2768	ND
Phosmet	42 - 2738	ND
Prophos	279 - 2785	ND
Propoxur	42 - 2722	ND
Pyridaben	301 - 2699	ND
Spinosad A	28 - 2095	ND
Spinosad D	66 - 664	ND
Spiromesifen	294 - 2738	ND
Spirotetramat	295 - 2805	ND
Spiroxamine 1	18 - 1248	ND
Spiroxamine 2	22 - 1532	ND
Tebuconazole	284 - 2736	ND
Thiacloprid	41 - 2741	ND
Thiamethoxam	39 - 2796	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:

**Max and Neo CBD**

## 1000mg Max and Neo CBD Organic

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### Cannabinoids

Test ID: T000249956

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

Spectrum Analysis, 0.01% THC

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	1.650	5.864	ND	ND	# of Servings = 1 Sample Weight=28.35g
Cannabichromenic Acid (CBCA)	1.509	5.364	ND	ND	
Cannabidiol (CBD)	5.616	15.259	1111.407	39.20	
Cannabidiolic Acid (CBDA)	5.761	15.650	ND	ND	
Cannabidivarin (CBDV)	1.328	3.609	4.517	0.16	
Cannabidivarinic Acid (CBDVA)	2.403	6.528	ND	ND	
Cannabigerol (CBG)	0.937	3.329	ND	ND	
Cannabigerolic Acid (CBGA)	3.916	13.919	ND	ND	
Cannabinol (CBN)	1.222	4.344	ND	ND	
Cannabinolic Acid (CBNA)	2.672	9.496	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	4.665	16.582	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.706	2.510	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.626	2.224	ND	ND	
Tetrahydrocannabivarin (THCV)	0.852	3.028	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	3.311	11.769	ND	ND	
<b>Total Cannabinoids</b>			<b>1115.924</b>	<b>39.36</b>	
Total Potential THC			ND	ND	
Total Potential CBD			1111.407	39.20	

### 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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**Microbial  
Contaminants**


Test ID: T000249959

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**  
Brianne Maillot  
29Jul2023  
11:51:00 AM MDT

PREPARED BY / DATE

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

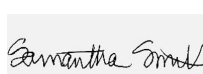
APPROVED BY / DATE

**Heavy Metals**

Test ID: T000249960

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

APPROVED BY / DATE

Prepared for:  
**Max and Neo CBD**

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<https://results.botanacor.com/api/v1/coas/uuid/bfa0b7e4-4358-4f1e-a695-e524e88ba3b7>

### 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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