

Prepared for:

Max and Neo CBD**500mg CBD oil for dogs**

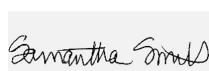
Batch ID or Lot Number: JP020422T2	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 7
Reported: 18Aug2022	Started: 17Aug2022	Received: 15Aug2022	

Residual Solvents

Test ID: T000218203

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	97 - 1943	ND	
Butanes (Isobutane, n-Butane)	201 - 4025	ND	
Methanol	68 - 1362	ND	
Pentane	106 - 2120	ND	
Ethanol	103 - 2055	ND	
Acetone	112 - 2235	ND	
Isopropyl Alcohol	115 - 2298	ND	
Hexane	7 - 135	ND	
Ethyl Acetate	112 - 2246	ND	
Benzene	0.2 - 4.4	ND	
Heptanes	112 - 2235	ND	
Toluene	20 - 399	ND	
Xylenes (m,p,o-Xylenes)	148 - 2967	ND	

Final ApprovalSam Smith
19Aug2022
06:37:00 PM MDT

PREPARED BY / DATE

Daniel Weidensaul
19Aug2022
06:51:00 PM MDT

APPROVED BY / DATE

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Reported:

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Cannabinoids

Test ID: T000218198

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

Spectrum Analysis, 0.01% THC

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	2.087	6.116	ND	ND	
Cannabichromenic Acid (CBCA)	1.909	5.594	ND	ND	
Cannabidiol (CBD)	4.655	15.785	496.814	17.43	
Cannabidiolic Acid (CBDA)	4.775	16.190	ND	ND	
Cannabidivarin (CBDV)	1.101	3.733	10.388	0.36	
Cannabidivarinic Acid (CBDVA)	1.992	6.754	ND	ND	
Cannabigerol (CBG)	1.185	3.473	ND	ND	
Cannabigerolic Acid (CBGA)	4.954	14.517	ND	ND	
Cannabinol (CBN)	1.546	4.530	ND	ND	
Cannabinolic Acid (CBNA)	3.380	9.905	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	5.902	17.295	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.893	2.618	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.791	2.319	ND	ND	
Tetrahydrocannabivarin (THCV)	1.078	3.159	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	4.189	12.275	ND	ND	
Total Cannabinoids			507.202	17.80	
Total Potential THC			ND	ND	
Total Potential CBD			496.814	17.43	

Final ApprovalJacob Miller
18Aug2022
01:25:00 PM MDT

PREPARED BY / DATE

Sam Smith
18Aug2022
01:27:00 PM MDT

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Pesticides

Test ID: T000218200

Methods: TM17

(LC-QQ LC MS/MS)

Dynamic Range (ppb)**Result (ppb)**

Abamectin	308 - 2732	ND
Acephate	40 - 2787	ND
Acetamiprid	40 - 2697	ND
Azoxystrobin	41 - 2712	ND
Bifenazate	41 - 2673	ND
Boscalid	39 - 2759	ND
Carbaryl	39 - 2720	ND
Carbofuran	43 - 2690	ND
Chlorantraniliprole	38 - 2716	ND
Chlorpyrifos	41 - 2732	ND
Clofentezine	289 - 2730	ND
Diazinon	290 - 2770	ND
Dichlorvos	277 - 2714	ND
Dimethoate	42 - 2706	ND
E-Fenpyroximate	286 - 2760	ND
Etofenprox	41 - 2760	ND
Etoxazole	288 - 2736	ND
Fenoxycarb	41 - 2701	ND
Fipronil	40 - 2771	ND
Flonicamid	47 - 2738	ND
Fludioxonil	256 - 2768	ND
Hexythiazox	40 - 2773	ND
Imazalil	274 - 2744	ND
Imidacloprid	41 - 2733	ND
Kresoxim-methyl	22 - 2788	ND

Dynamic Range (ppb)**Result (ppb)**

Malathion	270 - 2721	ND
Metalaxyl	44 - 2712	ND
Methiocarb	38 - 2734	ND
Methomyl	39 - 2706	ND
MGK 264 1	158 - 1631	ND
MGK 264 2	113 - 1163	ND
Myclobutanil	44 - 2705	ND
Naled	48 - 2733	ND
Oxamyl	40 - 2690	ND
Paclobutrazol	42 - 2711	ND
Permethrin	293 - 2771	ND
Phosmet	39 - 2677	ND
Prophos	281 - 2721	ND
Propoxur	42 - 2700	ND
Pyridaben	295 - 2764	ND
Spinosad A	30 - 2258	ND
Spinosad D	47 - 504	ND
Spiromesifen	272 - 2759	ND
Spirotetramat	265 - 2748	ND
Spiroxamine 1	17 - 1172	ND
Spiroxamine 2	23 - 1571	ND
Tebuconazole	302 - 2715	ND
Thiacloprid	42 - 2687	ND
Thiamethoxam	37 - 2727	ND
Trifloxystrobin	41 - 2734	ND

Final ApprovalSam Smith
18Aug2022
02:14:00 PM MDT

PREPARED BY / DATE

Karen Winternheimer
19Aug2022
12:39:00 PM MDT

APPROVED BY / DATE

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Terpenes

Test ID: T000218199

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	0.0049	0.049
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
	0.0049	0.0490

0.0049%
Total
Terpenes**PREDOMINANT TERPENES**

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0000
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0049
beta-Myrcene	0.0000
d-Limonene	0.0000
delta-3-Carene	0.0000
Linalool	0.0000

Notes**Final Approval**Daniel Weidensaul
19Aug2022
02:52:00 PM MDT

PREPARED BY / DATE

Jacob Miller
19Aug2022
02:54:00 PM MDT

APPROVED BY / DATE

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Microbial Contaminants

Test ID: T000218201

Methods: TM25 (PCR) TM24, TM26,
TM27 (Culture Plating)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/g	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



Brett Hudson
22Aug2022
04:32:00 PM MDT



Eden Thompson-Wright
22Aug2022
05:19:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE

Heavy Metals

Test ID: T000218202

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.56	ND	
Cadmium	0.04 - 4.44	ND	
Mercury	0.04 - 4.49	ND	
Lead	0.04 - 4.39	ND	

Final Approval



Daniel Weidensaul
24Aug2022
06:50:00 PM MDT



Courtney Richards
24Aug2022
08:09:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/68a29722-7a2c-49e6-b3bb-1895f96c1b8a>

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: 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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