

Prepared for:

PuraDyne Solutions

600 17th St Suite 2800D South
Denver, CO USA 80202

25mg CBD Soft Gels Broad Spectrum (Water Soluble)

Batch ID or Lot Number: GC25-23-01/SG10B2302	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 3 of 6
Reported: 28Feb2023	Started: 24Feb2023	Received: 23Feb2023	


Cannabinoids - Colorado Compliance

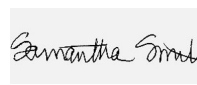
Test ID: T000236678

Methods: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.054	0.172	ND	ND	# of Servings = 1 Sample Weight=0.59g
Cannabichromenic Acid (CBCA)	0.050	0.158	ND	ND	
Cannabidiol (CBD)	0.165	0.463	24.944	42.24	
Cannabidiolic Acid (CBDA)	0.169	0.475	ND	ND	
Cannabidivarin (CBDV)	0.039	0.109	0.415	0.70	
Cannabidivarinic Acid (CBDVA)	0.071	0.198	ND	ND	
Cannabigerol (CBG)	0.031	0.098	ND	ND	
Cannabigerolic Acid (CBGA)	0.129	0.409	ND	ND	
Cannabinol (CBN)	0.040	0.128	ND	ND	
Cannabinolic Acid (CBNA)	0.088	0.279	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.154	0.487	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.023	0.074	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.021	0.065	ND	ND	
Tetrahydrocannabivarin (THCV)	0.028	0.089	<LOQ	<LOQ	
Tetrahydrocannabivarinic Acid (THCVA)	0.109	0.346	ND	ND	
Total Cannabinoids			25.359	42.94	
Total Potential THC			ND	ND	
Total Potential CBD			24.944	42.24	

Final Approval


Karen Winternheimer
01Mar2023
08:25:00 AM MST
PREPARED BY / DATE


Sam Smith
01Mar2023
08:27:00 AM MST
APPROVED BY / DATE

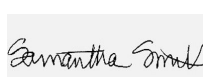
Heavy Metals - Colorado Compliance

Test ID: T000236681

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.42	ND	
Cadmium	0.04 - 4.16	ND	
Mercury	0.04 - 4.35	ND	
Lead	0.04 - 4.25	ND	

Final Approval


Sam Smith
01Mar2023
10:31:00 AM MST
PREPARED BY / DATE


Karen Winternheimer
01Mar2023
10:37:00 AM MST
APPROVED BY / DATE

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Microbial Contaminants - Colorado Compliance

Test ID: T000236680

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



Brett Hudson
28Feb2023
10:28:00 AM MST

PREPARED BY / DATE



Brianne Maillot
28Feb2023
04:45:00 PM MST

APPROVED BY / DATE

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PuraDyne Solutions
600 17th St Suite 2800D South
Denver, CO USA 80202

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Residual Solvents - Colorado Compliance


Test ID: T000236682
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	116 - 2327	ND	
Butanes (Isobutane, n-Butane)	239 - 4786	ND	
Methanol	69 - 1386	ND	
Pentane	118 - 2353	ND	
Ethanol	117 - 2330	ND	
Acetone	114 - 2271	ND	
Isopropyl Alcohol	117 - 2333	ND	
Hexane	7 - 139	ND	
Ethyl Acetate	116 - 2313	ND	
Benzene	0.2 - 4.9	ND	
Heptanes	122 - 2440	ND	
Toluene	21 - 416	ND	
Xylenes (m,p,o-Xylenes)	153 - 3062	ND	

Final Approval


Samantha Smith
28Feb2023
03:39:00 PM MST

PREPARED BY / DATE


Karen Winternheimer
28Feb2023
03:44:00 PM MST

APPROVED BY / DATE

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Denver, CO USA 80202

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Mycotoxins - Colorado Compliance

Test ID: T000236683
Methods: TM18 (UHPLC-QQQ)
LCMS/MS: Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	4.08 - 139.03	ND	N/A
Aflatoxin B1	0.88 - 34.47	ND	
Aflatoxin B2	0.91 - 34.47	ND	
Aflatoxin G1	0.91 - 34.21	ND	
Aflatoxin G2	1.08 - 34.70	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Sam Smith
02Mar2023
09:32:00 AM MST
PREPARED BY / DATE


Karen Winternheimer
02Mar2023
09:36:00 AM MST
APPROVED BY / DATE

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PuraDyne Solutions

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Pesticides


Test ID: T000236679

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	312 - 2676	ND		Malathion	294 - 2699	ND
Acephate	41 - 2833	ND		Metalaxyl	45 - 2737	ND
Acetamiprid	39 - 2779	ND		Methiocarb	41 - 2727	ND
Azoxystrobin	43 - 2696	ND		Methomyl	37 - 2817	ND
Bifenazate	44 - 2698	ND		MGK 264 1	155 - 1671	ND
Boscalid	41 - 2712	ND		MGK 264 2	112 - 1145	ND
Carbaryl	43 - 2709	ND		Myclobutanil	38 - 2722	ND
Carbofuran	42 - 2706	ND		Naled	42 - 2749	ND
Chlorantraniliprole	40 - 2725	ND		Oxamyl	39 - 2802	ND
Chlorpyrifos	60 - 2785	ND		Paclobutrazol	45 - 2659	ND
Clofentezine	273 - 2762	ND		Permethrin	296 - 2719	ND
Diazinon	295 - 2731	ND		Phosmet	45 - 2702	ND
Dichlorvos	279 - 2810	ND		Prophos	298 - 2758	ND
Dimethoate	40 - 2788	ND		Propoxur	40 - 2713	ND
E-Fenpyroximate	296 - 2739	ND		Pyridaben	301 - 2724	ND
Etofenprox	36 - 2711	ND		Spinosad A	33 - 2224	ND
Etoazole	296 - 2711	ND		Spinosad D	48 - 492	ND
Fenoxycarb	40 - 2711	ND		Spiromesifen	278 - 2794	ND
Fipronil	44 - 2774	ND		Spirotetramat	279 - 2716	ND
Flonicamid	51 - 2765	ND		Spiroxamine 1	18 - 1169	ND
Fludioxonil	309 - 2726	ND		Spiroxamine 2	24 - 1530	ND
Hexythiazox	53 - 2723	ND		Tebuconazole	294 - 2694	ND
Imazalil	288 - 2728	ND		Thiacloprid	40 - 2781	ND
Imidacloprid	44 - 2783	ND		Thiamethoxam	41 - 2781	ND
Kresoxim-methyl	47 - 2754	ND		Trifloxystrobin	42 - 2714	ND

Final Approval


 Sam Smith
 06Mar2023
 09:57:00 AM MST
 PREPARED BY / DATE


 Karen Winternheimer
 06Mar2023
 10:05:00 AM MST
 APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/c8eae2a4-7124-4aa2-9124-d001f0b63122>

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 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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