

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: GC-25-22-01/SG01L2201	Test, Test ID and Methods: Various	Matrix: Unit Co	Page 1 of 6
Reported: 13Dec2022	Started: 12Dec2022	Received: 09Dec2022	


**Heavy Metals -
Colorado Compliance**

Test ID: T000230440
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.34	ND	
Cadmium	0.04 - 4.26	ND	
Mercury	0.04 - 4.34	ND	
Lead	0.05 - 4.98	ND	

Final Approval


Sam Smith
13Dec2022
04:04:00 PM MST
PREPARED BY / DATE


Karen Winternheimer
13Dec2022
04:11:00 PM MST
APPROVED BY / DATE

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: GC-25-22-01/SG01L2201	Test, Test ID and Methods: Various	Matrix: Unit Co	Page 2 of 6
Reported: 13Dec2022	Started: 12Dec2022	Received: 09Dec2022	


**Residual Solvents -
Colorado Compliance**

Test ID: T000230441
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	92 - 1846	ND	
Butanes (Isobutane, n-Butane)	184 - 3689	ND	
Methanol	61 - 1217	ND	
Pentane	99 - 1989	ND	
Ethanol	98 - 1962	ND	
Acetone	100 - 1992	ND	
Isopropyl Alcohol	101 - 2019	ND	
Hexane	6 - 119	ND	
Ethyl Acetate	102 - 2043	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	102 - 2033	ND	
Toluene	18 - 361	ND	
Xylenes (m,p,o-Xylenes)	133 - 2668	ND	

Final Approval


Karen Winternheimer
14Dec2022
03:32:00 PM MST
PREPARED BY / DATE


Sam Smith
14Dec2022
03:34:00 PM MST
APPROVED BY / DATE

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: GC-25-22-01/SG01L2201	Test, Test ID and Methods: Various	Matrix: Unit Co	Page 3 of 6
Reported: 13Dec2022	Started: 12Dec2022	Received: 09Dec2022	


Mycotoxins - Colorado Compliance

Test ID: T000230442
Methods: TM18 (UHPLC-QQQ)
LCMS/MS: Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	4.97 - 129.79	ND	N/A
Aflatoxin B1	0.99 - 33.78	ND	
Aflatoxin B2	0.99 - 33.45	ND	
Aflatoxin G1	1.06 - 33.48	ND	
Aflatoxin G2	1.23 - 33.82	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Sam Smith
14Dec2022
09:02:00 AM MST
PREPARED BY / DATE


Karen Winternheimer
14Dec2022
09:04:00 AM MST
APPROVED BY / DATE

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: GC-25-22-01/SG01L2201	Test, Test ID and Methods: Various	Matrix: Unit Co	Page 4 of 6
Reported: 13Dec2022	Started: 12Dec2022	Received: 09Dec2022	

Pesticides


Test ID: T000230438

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	321 - 2637	ND		Malathion	284 - 2755	ND
Acephate	44 - 2805	ND		Metalaxyl	43 - 2742	ND
Acetamiprid	41 - 2778	ND		Methiocarb	44 - 2752	ND
Azoxystrobin	44 - 2739	ND		Methomyl	44 - 2780	ND
Bifenazate	41 - 2757	ND		MGK 264 1	182 - 1636	ND
Boscalid	45 - 2850	ND		MGK 264 2	119 - 1161	ND
Carbaryl	42 - 2760	ND		Myclobutanil	46 - 2750	ND
Carbofuran	41 - 2759	ND		Naled	43 - 2793	ND
Chlorantraniliprole	47 - 2775	ND		Oxamyl	42 - 2780	ND
Chlorpyrifos	53 - 2776	ND		Paclobutrazol	39 - 2755	ND
Clofentezine	273 - 2775	ND		Permethrin	166 - 2753	ND
Diazinon	280 - 2782	ND		Phosmet	41 - 2734	ND
Dichlorvos	286 - 2791	ND		Prophos	275 - 2783	ND
Dimethoate	42 - 2719	ND		Propoxur	41 - 2752	ND
E-Fenpyroximate	294 - 2748	ND		Pyridaben	291 - 2730	ND
Etofenprox	39 - 2748	ND		Spinosad A	34 - 2237	ND
Etoxazole	300 - 2730	ND		Spinosad D	51 - 491	ND
Fenoxycarb	43 - 2747	ND		Spiromesifen	280 - 2753	ND
Fipronil	40 - 2793	ND		Spirotetramat	270 - 2745	ND
Fonicamid	51 - 2761	ND		Spiroxamine 1	18 - 1194	ND
Fludioxonil	256 - 2801	ND		Spiroxamine 2	24 - 1562	ND
Hexythiazox	42 - 2732	ND		Tebuconazole	288 - 2716	ND
Imazalil	257 - 2783	ND		Thiacloprid	43 - 2770	ND
Imidacloprid	47 - 2785	ND		Thiamethoxam	41 - 2788	ND
Kresoxim-methyl	44 - 2789	ND		Trifloxystrobin	41 - 2773	ND

Final Approval


Karen Winternheimer
16Dec2022
09:22:00 AM MST
PREPARED BY / DATE


Sam Smith
16Dec2022
09:32:00 AM MST
APPROVED BY / DATE

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: GC-25-22-01/SG01L2201	Test, Test ID and Methods: Various	Matrix: Unit Co	Page 5 of 6
Reported: 13Dec2022	Started: 12Dec2022	Received: 09Dec2022	

Microbial Contaminants - Colorado Compliance

Test ID: T000230439
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
16Dec2022
01:48:00 PM MST

PREPARED BY / DATE


Eden Thompson-Wright
16Dec2022
04:01:00 PM MST

APPROVED BY / DATE

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: GC-25-22-01/SG01L2201	Test, Test ID and Methods: Various	Matrix: Unit Co	Page 6 of 6
Reported: 13Dec2022	Started: 12Dec2022	Received: 09Dec2022	

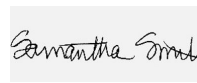
Cannabinoids - Colorado Compliance

Test ID: T000230437
Methods: TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.047	0.165	ND	ND	# of Servings = 1 Sample Weight=0.599g
Cannabichromenic Acid (CBCA)	0.043	0.151	ND	ND	
Cannabidiol (CBD)	0.154	0.454	27.055	45.13	
Cannabidiolic Acid (CBDA)	0.158	0.465	ND	ND	
Cannabidivarin (CBDV)	0.036	0.107	0.426	0.71	
Cannabidivarinic Acid (CBDVA)	0.066	0.194	ND	ND	
Cannabigerol (CBG)	0.027	0.094	ND	ND	
Cannabigerolic Acid (CBGA)	0.112	0.392	ND	ND	
Cannabinol (CBN)	0.035	0.122	ND	ND	
Cannabinolic Acid (CBNA)	0.076	0.267	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.133	0.466	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.020	0.071	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.018	0.063	ND	ND	
Tetrahydrocannabivarin (THCV)	0.024	0.085	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.095	0.331	ND	ND	
Total Cannabinoids			27.481	45.84	
Total Potential THC			ND	ND	
Total Potential CBD			27.055	45.13	

Final Approval


Karen Winternheimer
16Dec2022
02:41:00 PM MST
PREPARED BY / DATE


Sam Smith
16Dec2022
02:42:00 PM MST
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/427e50f7-87cb-4e3a-a05a-74068dbaf05e>

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](#).



Cert #4329.02
427e50f787cb4e3aa05a74068dbaf05e.1