

CERTIFICATE OF ANALYSIS

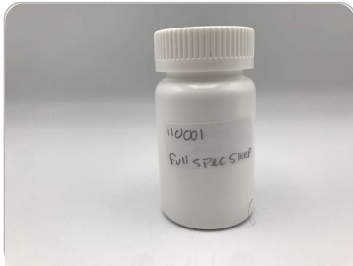
ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 87263
 Order Name: 50mg Full Spectrum Sleep Blend
 Batch#: 110001
 Received: 11/15/2021
 Completed: 11/22/2021



Sample



0.217%
Total D9-THC

14.010%
Total CBD

75.5 mg
Cannabinoids per unit

67.2 mg
CBD per unit

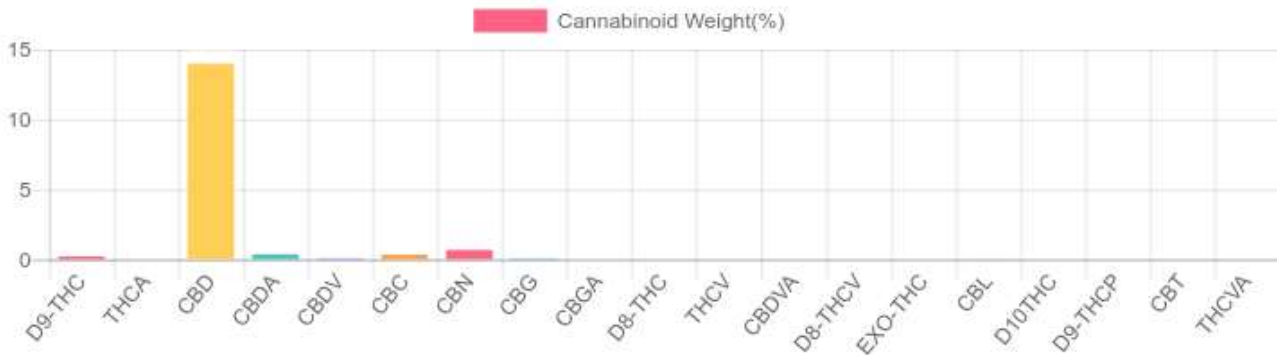
1 unit = .48 grams per unit x Cannabinoid concentration

Cannabinoids Test


HPLC-DAD
 GSL SOP 400

UPLOADED: 11/16/2021 10:56:44

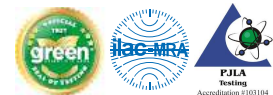
Cannabinoids	LOQ(mg/g)	LOD(mg/g)	weight(%)	mg/g	mg/unit
D9-THC	0.1954	0.0645	0.217%	2.172	1.043
THCA	0.1954	0.0645	N/D	N/D	N/D
CBD	0.1954	0.0645	14.010%	140.097	67.247
CBDA	0.1954	0.0645	0.367%	3.673	1.763
CBDV	0.1954	0.0645	0.055%	0.546	0.262
CBC	0.1954	0.0645	0.327%	3.272	1.571
CBN	0.1954	0.0645	0.676%	6.760	3.245
CBG	0.1954	0.0645	0.037%	0.366	0.176
CBGA	0.1954	0.0645	N/D	N/D	N/D
D8-THC	0.1954	0.0645	N/D	N/D	N/D
THCV	0.1954	0.0645	N/D	N/D	N/D
CBDVA	0.1954	0.0645	N/D	N/D	N/D
D8-THCV	0.1954	0.0645	N/D	N/D	N/D
EXO-THC	0.1954	0.0645	N/D	N/D	N/D
CBL	0.1954	0.0645	0.031%	0.306	0.147
D10THC	0.1954	0.0645	N/D	N/D	N/D
D9-THCP	0.1954	0.0645	N/D	N/D	N/D
CBT	0.1954	0.0645	N/D	N/D	N/D
THCVA	0.1954	0.0645	N/D	N/D	N/D
TOTAL D9-THC			0.217%	0.217%	1.0
TOTAL CBD*			14.010%	140.097	67.2
TOTAL CANNABINOIDS			15.720%	157.192	75.5



*Total CBD = CBD + CBDA x 0.877
 N/D - Not Detected, B/LOQ - Below Limit of Quantification


 Ben Witten, MS, MT., Lab Director

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 info@greenscientificlabs.com
 1-833 TEST CBD



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ISO/IEC 17025:2017 ACCREDITATION #103104



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 Spectrum Sleep Blend
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PESTICIDE ANALYSIS:

GSL SOP 401

PREPARED: 11/16/2021 13:01:56

UPLOADED: 11/17/2021 12:04:44

LC-MS/MS

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)	Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
ABAMECTIN B1A	0.100	N/D	0.005	0.005	IMAZALIL	0.100	N/D	0.005	0.001
ACEPHATE	0.100	N/D	0.005	0.001	IMIDACLOPRID	5.000	N/D	0.005	0.001
ACEQUINOCYL	0.100	N/D	0.005	0.005	KRESOXIM-METHYL	0.100	N/D	0.005	0.005
ACETAMIPRID	0.100	N/D	0.005	0.005	MALATHION	0.500	N/D	0.005	0.001
ALDICARB	0.100	N/D	0.005	0.005	METALAXYL	2.000	N/D	0.005	0.001
AZOXYSTROBIN	0.100	N/D	0.005	0.001	METHIOCARB	0.100	N/D	0.005	0.001
BIFENAZATE	0.100	N/D	0.005	0.001	METHOMYL	1.000	N/D	0.005	0.001
BIFENTHRIN	3.000	N/D	0.005	0.005	MEVINPHOS	0.100	N/D	0.005	0.001
BOSCALID	0.100	N/D	0.005	0.005	MYCLOBUTANIL	0.100	N/D	0.005	0.005
CARBARYL	0.500	N/D	0.005	0.001	NALED	0.100	N/D	0.005	0.001
CARBOFURAN	0.100	N/D	0.005	0.001	OXAMYL	0.500	N/D	0.005	0.001
CHLORANTRANILIPROLE	10.000	N/D	0.005	0.005	PACLOBUTRAZOL	0.100	N/D	0.005	0.005
CHLORPYRIFOS	0.100	N/D	0.005	0.005	PERMETHRINS	0.500	0.071	0.005	0.005
CLOFENTEZINE	0.100	N/D	0.005	0.005	PHOSMET	0.100	N/D	0.005	0.001
DAMINOZIDE	0.100	N/D	0.005	0.001	PIPERONYL	3.000	0.038	0.005	0.005
DIAZINON	0.100	N/D	0.005	0.005	BUTOXIDE	0.100	N/D	0.005	0.005
DICHLORVOS	0.100	N/D	0.005	0.001	PRALLETHRIN	0.100	N/D	0.010	0.005
DIMETHOATE	0.100	N/D	0.005	0.001	PROPICONAZOLE	0.100	N/D	0.005	0.001
DIMETHOMORPH	2.000	N/D	0.005	0.001	PROPOXUR	0.100	N/D	0.005	0.001
ETHOPROPHOS	0.100	N/D	0.005	0.001	PYRETHRINS	0.500	N/D	0.005	0.001
ETOFENPROX	0.100	N/D	0.005	0.005	PYRIDABEN	0.100	N/D	0.005	0.005
ETOXAZOLE	0.100	N/D	0.050	0.005	SPINETORAM	0.100	N/D	0.005	0.005
FENHEXAMID	0.100	N/D	0.005	0.001	SPINOSAD	0.100	N/D	0.005	0.005
FENOXYCARB	0.100	N/D	0.005	0.005	SPIROMESIFEN	0.100	N/D	0.005	0.001
FENPYROXIMATE	0.100	0.027	0.005	0.005	SPIROTETRAMAT	0.100	N/D	0.005	0.005
FIPRONIL	0.100	N/D	0.005	0.005	SPIROXAMINE	0.100	N/D	0.005	0.001
FLONICAMID	0.100	N/D	0.025	0.005	TEBUCONAZOLE	0.100	N/D	0.005	0.001
FLUDIOXONIL	0.100	N/D	0.005	0.005	THIACLOPRID	0.100	N/D	0.005	0.001
HEXYTHIAZOX	0.100	0.010	0.005	0.005	THIAMETHOXAM	5.000	N/D	0.005	0.001
					TRIFLOXYSTROBIN	0.100	N/D	0.005	0.005

N/D = Not Detected, A/LOQ = Above LOQ Level, B/LOQ = Below LOQ Level, B/LOD = Below LOD Level

Ben Witten, MS, MT., Lab Director

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 1-833 TEST CBD



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 Spectrum Sleep Blend
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 Completed: 11/22/2021



RESIDUAL SOLVENTS:

HS-GC-MS

GSL SOP 405

Uploaded: 11/16/2021 09:43:14

Residual Solvent	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
1,1-DICHLOROETHENE	8	N/D	0.63	0.6
1,2-DICHLOROETHANE	2	N/D	0.12	0.012
1,2-DICHLOROETHENE	5	N/D	0.73	0.09
ACETONE	5,000	N/D	140	9
ACETONITRILE	410	N/D	25	0.72
BENZENE	1	N/D	1	0.6
BUTANE	5,000	N/D	50	48
CHLOROFORM	1	N/D	1	0.5
ETHANOL	5,000	N/D	140	12
ETHYL ACETATE	5,000	N/D	140	2.4
ETHYL ETHER	5,000	N/D	140	6
ETHYLENE OXIDE	1	N/D	2	0.6
ISOPROPYL ALCOHOL	5,000	N/D	140	3
METHANOL	3,000	N/D	100	6
METHYLENE CHLORIDE	125	N/D	1.5	1.5
N-HEPTANE	5,000	N/D	140	6
N-HEXANE	290	N/D	18	0.06
PENTANE	5,000	N/D	140	9
PROPANE	5,000	N/D	30	30
TOLUENE	890	N/D	53	0.9
TRICHLOROETHENE	1	N/D	1	0.3
XYLENES	150	N/D	130	1.8

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Spectrum Sleep Blend
Batch#: 110001
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Completed: 11/22/2021



Microbial Analysis:

Microbial Analysis GSL SOP 406

Uploaded: 11/18/2021 15:02:04

MICROBIAL ANALYSIS:

Test	SOP	Test Method	Device Used	LOD	Actual Result
SALMONELLA*	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	NOT DETECTED
STEC E. COLI*	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	NOT DETECTED
LISTERIA MONOCYTOGENES	406.01		ARIAMX PCR	2 COPIES OF DNA	NOT DETECTED
PATHOGENIC E. COLI	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	NOT DETECTED

† USP 61 (enumeration of bacteria TAC, TYM, and ENT/Coliform), USP 62 (identifying specific species E.coli Aspergillus etc)

* STEC and Salmonella run as Multiplex

** CFU/g Calculation based on MIP/Extract matrix

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Spectrum Sleep Blend
Batch#: 110001
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Mycotoxin Analysis:

LC-MS/MS
GSL SOP 401

Uploaded: 11/17/2021 12:04:43

Analyte	LOQ (ppb)	LOD (ppb)	Action Lvl (ppb)	Results (ppb)
AFLATOXIN B1	1	1	20	N/D
AFLATOXIN B2	1	1	20	N/D
AFLATOXIN G1	1	1	20	N/D
AFLATOXIN G2	1	1	20	N/D
OCHRATOXIN A	1	1	20	N/D

Heavy Metals Analysis:

ICP-MS
GSL SOP 403

Uploaded: 11/16/2021 18:18:14

Metal	LOQ (ppb)	LOD (ppb)	Action Level (ppb)	Result (ppb)
ARSENIC (AS)	75	20	200	N/D
CADMIUM (CD)	75	20	200	N/D
MERCURY (HG)	75	20	100	B/LOQ
LEAD (PB)	75	20	500	N/D

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