

Order #: 85488 Order Name: CBD Multivitamin Soft Chew Batch#: 121260A Received: 10/05/2021 Completed: 10/20/2021



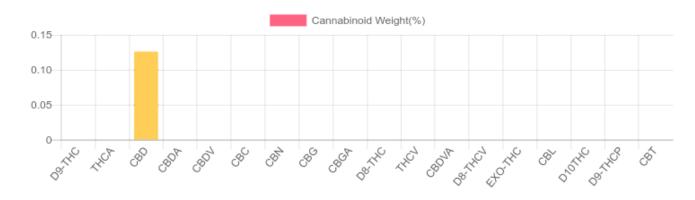
#### Sample



1 unit = 4.19 grams per unit x Cannabinoid concentration

#### **Cannabinoids Test**

HPLC-DAD GSL SOP 400			UPLOADED: 10/	06/2021 10:57:47
Cannabinoids	LOQ(mg/g)	weight(%)	mg/g	mg/unit
D9-THC	0.1954	N/D	N/D	N/D
THCA	0.1954	N/D	N/D	N/D
CBD	0.1954	0.126%	1.257	5.267
CBDA	0.1954	N/D	N/D	N/D
CBDV	0.1954	N/D	N/D	N/D
CBC	0.1954	N/D	N/D	N/D
CBN	0.1954	N/D	N/D	N/D
CBG	0.1954	N/D	N/D	N/D
CBGA	0.1954	N/D	N/D	N/D
D8-THC	0.1954	N/D	N/D	N/D
THCV	0.1954	N/D	N/D	N/D
CBDVA	0.1954	N/D	N/D	N/D
D8-THCV	0.1954	N/D	N/D	N/D
EXO-THC	0.1954	N/D	N/D	N/D
CBL	0.1954	N/D	N/D	N/D
D10THC	0.1954	N/D	N/D	N/D
D9-THCP	0.1954	N/D	N/D	N/D
CBT	0.1954	N/D	N/D	N/D
TOTAL D9-THC		N/D	N/D	N/D
TOTAL CBD*		0.126%	1.257	5.3
TOTAL CANNABINOIDS		0.126%	1.257	5.3



\*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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Pesticide

CYFLUTHRIN

CYPERMETHRIN

PENTACHLORONITROBENZENE



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(ppm) (ppm) (ppm)

0.100

0.100 0.010

0.100 0.010

0.010

### PESTICIDE ANALYSIS:

GSL SOP 401 GC-MS/MS PREPARED: 10/05/2021 18:08:48

UPLOADED: 10/06/2021 09:47:02

(ppm)

1.000

1.000

0.200

Action Level Results LOQ LOD

N/D

N/D

N/D

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
CAPTAN	3.000	N/D	0.100	0.010
CHLORDANE	0.100	N/D	0.100	0.010
CHLORFENAPYR	0.100	N/D	0.100	0.010
COUMAPHOS	0.100	N/D	0.100	0.010
LC-MS/MS				

Pesticide	Action Level	Results	LOQ	LOD
resticiue	(ppm)	(ppm)	(ppm)	(ppm)
ABAMECTIN B1A	0.300	N/D	0.005	0.005
ACEPHATE	3.000	N/D	0.005	0.001
ACEQUINOCYL	2.000	N/D	0.005	0.005
ACETAMIPRID	3.000	N/D	0.005	0.005
ALDICARB	0.100	N/D	0.005	0.005
AZOXYSTROBIN	3.000	0.012	0.005	0.001
BIFENAZATE	3.000	N/D	0.005	0.001
BIFENTHRIN	0.500	N/D	0.005	0.005
BOSCALID	3.000	N/D	0.005	0.005
CARBARYL	0.500	N/D	0.005	0.001
CARBOFURAN	0.100	N/D	0.005	0.001
CHLORANTRANILIPROLE	3.000	N/D	0.005	0.005
CHLORMEQUAT	3.000	N/D	0.250	0.100
CHLORIDE	3.000	N/D	0.250	0.100
CHLORPYRIFOS	0.100	N/D	0.005	0.005
CLOFENTEZINE	0.500	N/D	0.005	0.005
DAMINOZIDE	0.100	N/D	0.005	0.001
DIAZINON	0.200	N/D	0.005	0.005
DICHLORVOS	0.100	N/D	0.005	0.001
DIMETHOATE	0.100	N/D	0.005	0.001
DIMETHOMORPH	3.000	N/D	0.005	0.001
ETHOPROPHOS	0.100	N/D	0.005	0.001
ETOFENPROX	0.100	N/D	0.005	0.005
ETOXAZOLE	1.500	N/D	0.050	0.005
FENHEXAMID	3.000	N/D	0.005	0.001
FENOXYCARB	0.100	N/D	0.005	0.005
FENPYROXIMATE	2.000	N/D	0.005	0.005
FIPRONIL	0.100	N/D	0.005	0.005
FLONICAMID	2.000	N/D	0.025	0.005
FLUDIOXONIL	3.000	N/D	0.005	0.005
HEXYTHIAZOX	2.000	N/D	0.005	0.005

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
IMAZALIL	0.100	N/D	0.005	0.001
IMIDACLOPRID	3.000	N/D	0.005	0.001
KRESOXIM-METHYL	1.000	N/D	0.005	0.005
MALATHION	2.000	N/D	0.005	0.001
METALAXYL	3.000	N/D	0.005	0.001
METHIOCARB	0.100	N/D	0.005	0.001
METHOMYL	0.100	N/D	0.005	0.001
MEVINPHOS	0.100	N/D	0.005	0.001
MYCLOBUTANIL	3.000	N/D	0.005	0.005
NALED	0.500	N/D	0.005	0.001
OXAMYL	0.500	N/D	0.005	0.001
PACLOBUTRAZOL	0.100	N/D	0.005	0.005
PERMETHRINS	1.000	N/D	0.005	0.005
PHOSMET	0.200	N/D	0.005	0.001
PIPERONYL	3.000	N/D	0.005	0.005
BUTOXIDE	5.000	N/D	0.000	0.000
PRALLETHRIN	0.400	N/D	0.005	0.005
PROPICONAZOLE	1.000	N/D	0.010	0.005
PROPOXUR	0.100	N/D	0.005	0.001
PYRETHRINS	1.000	N/D	0.005	0.001
PYRIDABEN	3.000	N/D	0.005	0.005
SPINETORAM	3.000	N/D	0.005	0.005
SPINOSAD	3.000	N/D	0.005	0.005
SPIROMESIFEN	3.000	N/D	0.005	0.001
SPIROTETRAMAT	3.000	N/D	0.005	0.005
SPIROXAMINE	0.100	N/D	0.005	0.001
TEBUCONAZOLE	1.000	N/D	0.005	0.001
THIACLOPRID	0.100	N/D	0.005	0.001
THIAMETHOXAM	1.000	N/D	0.005	0.001
TRIFLOXYSTROBIN	3.000	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



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### **RESIDUAL SOLVENTS:**

HS-GC-MS

GSL SOP 405

Uploaded: 10/06/2021 11:00:20

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
SOPROPYL 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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**Microbial Analysis:** 

Microbial Analysis GSL SOP 406

Uploaded: 10/07/2021 20:28:31

### MICROBIAL ANALYSIS:

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

LC-MS/MS GSL SOP 401

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

LOQ is 1ppb, LOD is 1ppb

#### Heavy Metals Analysis:

ICP-MS GSL SOP 403

Uploaded: 10/11/2021 12:15:07

Metal	Action Level (ppb)	Result (ppb)
Arsenic (AS)	1,500	210
CADMIUM (CD)	500	B/LOQ
MERCURY (HG)	3,000	B/LOQ
LEAD (PB)	500	B/LOQ

Lower Limit of Quantitation (LOQ) is 75 ppb, Limit of Detection (LOD) is 3 ppb



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