

Order #: 81602 Order Name: CBD Tincture 2000mg Batch#: CBD Tincture 2000mg Received: 07/22/2021 Completed: 07/28/2021 Elite Hemp Products (844) 856-8838

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### PESTICIDE ANALYSIS:

GSL SOP 401

LCMS-MS - Shimadzu LCMS-8060

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
ABAMECTIN B1A	0.100	N/D	0.005	0.001
ACEPHATE	0.100	N/D	0.001	0.001
ACEQUINOCYL	0.100	N/D	0.001	0.001
ACETAMIPRID	0.100	N/D	0.005	0.001
ALDICARB	0.100	N/D	0.005	0.001
AZOXYSTROBIN	0.100	N/D	0.001	0.001
BIFENAZATE	0.100	N/D	0.005	0.001
BIFENTHRIN	3.000	N/D	0.005	0.001
BOSCALID	0.100	N/D	0.005	0.001
CARBARYL	0.500	N/D	0.003	0.001
CARBOFURAN	0.100	N/D	0.001	0.001
CHLORANTRANILIPROLE	10.000	N/D	0.005	0.005
CHLORPYRIFOS	0.100	N/D	0.001	0.001
CLOFENTEZINE	0.100	N/D	0.001	0.001
DAMINOZIDE	0.100	N/D	0.005	0.001
DIAZINON	0.100	N/D	0.001	0.001
DICHLORVOS	0.100	N/D	0.005	0.001
DIMETHOATE	0.100	N/D	0.001	0.001
DIMETHOMORPH	2.000	N/D	0.005	0.001
ETHOPROPHOS	0.100	N/D	0.001	0.001
ETOFENPROX	0.100	N/D	0.001	0.001
ETOXAZOLE	0.100	N/D	0.010	0.005
FENHEXAMID	0.100	N/D	0.005	0.001
FENOXYCARB	0.100	N/D	0.005	0.001
FENPYROXIMATE	0.100	N/D	0.001	0.001
FIPRONIL	0.100	N/D	0.003	0.001
FLONICAMID	0.100	N/D	0.025	0.010
FLUDIOXONIL	0.100	N/D	0.003	0.001
HEXYTHIAZOX	0.100	N/D	0.005	0.001
IMAZALIL	0.100	N/D	0.005	0.001

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

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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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Microbial Analysis GSL SOP 406

Uploaded: 07/25/2021 16:59:28



Microbial Analysis:

PCR - Agilent AriaMX

#### MICROBIAL ANALYSIS:

PCR - Agilent AriaMX

Test	SOP	Test Method	Device Used	LOD	Allowable Criteria	Actual Result	Pass/Fail
ASPERGILLUS FUMIGATUS***	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
ASPERGILLUS TERREUS***	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
ASPERGILLUS FLAVUS***	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
ASPERGILLUS NIGER***	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
STEC E. COLI*	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
SALMONELLA*	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
TOTAL YEAST AND MOLD	406.01	USP 61/62†	ARIAMX PCR	CFU/G BY SAMPLE TYPE**	1,000 CFU/G	NOT DETECTED	PASS
AEROBIC BACTERIA COUNT	406.01	USP 61/62†	ARIAMX PCR	CFU/G BY SAMPLE TYPE**	10,000 CFU/G	NOT DETECTED	PASS
ENTEROBACTERIACEAE	406.01	USP 61/62†	ARIAMX PCR	CFU/G BY SAMPLE TYPE**	100 CFU/G	NOT DETECTED	PASS
COLIFORM	406.01	USP 61/62†	ARIAMX PCR	CFU/G BY SAMPLE TYPE**	100 CFU/G	NOT DETECTED	PASS

+ 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

\*\*\* Flavus = 2 Copies of DNA / Fumigatis = 2 Copies of DNA Niger = 20 Copies of DNA / Terrus = 10 copies of DNA



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#### Heavy Metals Analysis:

ICP-MS - Shimadzu ICPMS-2030 GSL SOP 403

Uploaded: 07/28/2021 14:53:12

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

Lower Limit of Quantitation (LOQ) is 75 ppb



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Order #: 82273 Order Name: Tincture 2000mg Batch#: Tincture 2000mg Received: 08/03/2021 Completed: 08/05/2021 Elite Hemp Products (844) 856-8838



#### Sample

#### **Cannabinoids Test**

SHIMADZU INTEGRATED UPLC-PDA

Hereit and Andrews	
0.179%	6.975%
<sub>D9-THC</sub>	Total CBD
2,087.0 mg	1,977.4 mg
Cannabinoids per	CBD per
unit	unit

1 unit = 30 ml per unit x density (0.945) x Cannabinoid concentration

GSL SOP 400	SL SOP 400 UPLOADED: 08/05/202			/05/2021 10:05:00
Cannabinoids	LOQ	weight(%)	mg/g	mg/unit
D9-THC	10 PPM	0.179%	1.790	50.747
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	6.975%	69.751	1,977.441
CBDA	20 PPM	N/D	N/D	N/D
CBDV	20 PPM	0.024%	0.239	6.776
CBC	10 PPM	N/D	N/D	N/D
CBN	10 PPM	0.017%	0.173	4.905
CBG	10 PPM	0.071%	0.712	20.185
CBGA	20 PPM	N/D	N/D	N/D
D8-THC	10 PPM	N/D	N/D	N/D
THCV	10 PPM	0.019%	0.190	5.387
CBDVA	20 PPM	N/D	N/D	N/D
D8-THCV	20 PPM	N/D	N/D	N/D
EXO-THC	20 PPM	0.012%	0.124	3.515
CBL	20 PPM	N/D	N/D	N/D
D10THC	20 PPM	N/D	N/D	N/D
D9-THCP	20 PPM	N/D	N/D	N/D
CBT	20 PPM	0.064%	0.636	18.031
TOTAL D9-THC		0.179%	0.179%	50.7
TOTAL CBD*		6.975%	69.751	1,977.4
TOTAL CANNABINOIDS		7.361%	73.615	2,087.0

Cannabinoid Weight(%) 8 6 4 2 0 00 TH Sec. A S 0°THCP 680 SEDUP 680 COGF eto THC ANC A 0°THC O ONOTHC (HCP CBOP Ś 000 Ì

Reporting Limit 10 ppm \*Total CBD = CBD + CBDA x 0.877 N/D - Not Detected, B/LOQ - Below Limit of Quantification



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