### **CERTIFICATE OF ANALYSIS**



Order #: 34231 Order Name: Emu Cream 500 mg Batch#: G3719

Received: 08/01/2019 Completed: 08/07/2019



Safe Harbour Wellness, LLC. 3000 Meadow Lake Dr., Ste 105 Birmingham, AL 35242 CS@safeharbourwellness.com



UPLOADED: 08/05/2019 19:51:14

#### Sample



N/D D9-THC 0.497% Total CBD

563.2 mg Cannabinoids per container 563.2 mg CBD per container

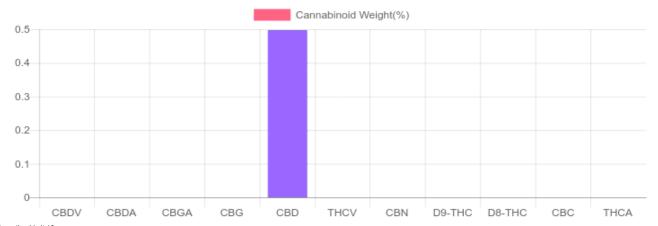
1 container = 113.398 grams per container x Cannabinoid concentration

#### **Cannabinoids Test**

SHIMADZU INTEGRATED UPLC-PDA

GSL SOP 400 **PREPARED:** 08/02/2019 21:33:06

Cannabinoids	LOQ	weight(%)	mg/g	mg/container
D9-THC	10 PPM	N/D	N/D	N/D
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	0.497%	4.967	563.2
CBDA	20 PPM	N/D	N/D	N/D
CBDV	20 PPM	N/D	N/D	N/D
CBC	10 PPM	N/D	N/D	N/D
CBN	10 PPM	N/D	N/D	N/D
CBG	10 PPM	N/D	N/D	N/D
CBGA	20 PPM	N/D	N/D	N/D
D8-THC	10 PPM	N/D	N/D	N/D
THCV	10 PPM	N/D	N/D	N/D
TOTAL D9-THC		N/D	N/D	N/D
TOTAL CBD*		0.497%	4.967	563.2
TOTAL CANNABINOIDS		0.497%	4.967	563.2



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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Dr. Andrew Hall, Ph.D., CSO & Lab Director

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#### **PESTICIDE ANALYSIS:**

GSL SOP 401 PREPARED: 08/02/2019 21:10:12 UPLOADED: 08/06/2019 16:11:39

LCMS-MS - Shimadzu LCMS-8060

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	0.001	IMAZALIL	0.100	N/D	0.005	0.001
ACEPHATE	0.100	N/D	0.001	0.001	IMIDACLOPRID	5.000	N/D	0.005	0.001
ACEQUINOCYL	0.100	N/D	0.001	0.001	KRESOXIM-METHYL	0.100	N/D	0.010	0.005
ACETAMIPRID	0.100	N/D	0.005	0.001	MALATHION	0.500	N/D	0.005	0.001
ALDICARB	0.100	N/D	0.005	0.001	METALAXYL	2.000	N/D	0.001	0.001
AZOXYSTROBIN	0.100	N/D	0.001	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	0.001	0.001
BIFENTHRIN	3.000	N/D	0.005	0.001	MEVINPHOS	0.100	N/D	0.001	0.001
BOSCALID	0.100	N/D	0.005	0.001	MYCLOBUTANIL	0.100	N/D	0.005	0.001
CARBARYL	0.500	N/D	0.003	0.001	NALED	0.100	N/D	0.005	0.001
CARBOFURAN	0.100	N/D	0.001	0.001	OXAMYL	0.500	N/D	0.001	0.001
CHLORANTRANILIPROLE	10.000	N/D	0.005	0.005	PACLOBUTRAZOL	0.100	N/D	0.005	0.001
CHLORPYRIFOS	0.100	N/D	0.001	0.001	PERMETHRINS	0.500	N/D	0.005	0.001
CLOFENTEZINE	0.100	N/D	0.001	0.001	PHOSMET	0.100	N/D	0.005	0.001
DAMINOZIDE	0.100	N/D	0.005	0.001	PIPERONYL	3.000	N/D	0.001	0.001
DIAZANON	0.100	N/D	0.001	0.001	BUTOXIDE	3.000	IN/D	0.001	0.001
DICHLORVOS	0.100	N/D	0.005	0.001	PRALLETHRIN	0.100	N/D	0.005	0.005
DIMETHOATE	0.100	N/D	0.001	0.001	PROPICONAZOLE	0.100	N/D	0.010	0.005
DIMETHOMORPH	2.000	N/D	0.005	0.001	PROPOXUR	0.100	N/D	0.001	0.001
ETHOPROPHOS	0.100	N/D	0.001	0.001	PYRETHRINS	0.500	N/D	0.005	0.005
ETOFENPROX	0.100	N/D	0.001	0.001	(PYRETHRIN I)	0.500	IN/D	0.005	0.005
ETOXAZOLE	0.100	N/D	0.010	0.005	PYRIDABEN	0.100	N/D	0.005	0.001
FENHEXAMID	0.100	N/D	0.005	0.001	SPINETORAM	0.100	N/D	0.001	0.001
FENOXYCARB	0.100	N/D	0.005	0.001	SPINOSAD	0.100	N/D	0.001	0.001
FENPYROXIMATE	0.100	N/D	0.001	0.001	SPIROMESIFEN	0.100	N/D	0.005	0.001
FIPRONIL	0.100	N/D	0.003	0.001	SPIROTETRAMAT	0.100	N/D	0.001	0.001
FLONICAMID	0.100	N/D	0.025	0.010	SPIROXAMINE	0.100	N/D	0.001	0.001
FLUDIOXONIL	0.100	N/D	0.003	0.001	TEBUCONAZOLE	0.100	N/D	0.005	0.001
HEXYTHIAZOX	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

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



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Order Name: Emu Cream 500 mg

Batch#: G3719 Received: 08/01/2019 Completed: 08/07/2019 Safe Harbour Wellness, LLC. 3000 Meadow Lake Dr., Ste 105 Birmingham, AL 35242 CS@safeharbourwellness.com



#### **Microbial Analysis:**

Microbial Analysis GSL SOP 406

Uploaded: 08/05/2019 20:49:07

PCR - Agilent AriaMX Test	Test Method Used	Device Used	LOD	Allowable Criteria	Actual Result	Pass/Fail
STEC E.COLI*	USP 61/62†	ARIAMX PCR	2 COPIES OF DNA	PRESENCE / ABSENT	BELOW LOD	PASS
SALMONELLA*	USP 61/62†	ARIAMX PCR	5 COPIES OF DNA	PRESENCE / ABSENT	BELOW LOD	PASS
ASPERGILLUS	USP 61/62†	ARIAMX PCR	ASP_LOD***	PRESENCE / ABSENT	BELOW LOD	PASS
YEAST AND MOLD	USP 61/62†	ARIAMX PCR	363.05518 CFU/G**	1,000	BELOW THRESHOLD	PASS
TOTAL AEROBIC BACTERIA	USP 61/62†	ARIAMX PCR	0.25316 CFU/G**	10,000	BELOW THRESHOLD	PASS
COLIFORM	USP 61/62†	ARIAMX PCR	3.41539 CFU/G**	100	BELOW THRESHOLD	PASS
ENTEROBACTERIACEAE	USP 61/62†	ARIAMX PCR	0.32951 CFU/G**	100	BELOW THRESHOLD	PASS

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



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 $<sup>^{\</sup>star}$  STEC and Salmonella run as Multiplex

<sup>\*\*</sup> CFU/g Calculation based on Select Category Type Gummy MIP/Extract Flower matrix

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

## 01193kg

Sample ID: 1902ENC0135.0402 Strain: 01193kg Matrix: Concentrates & Extracts Type: Crystalline Solid Sample Size: 0 g; Batch: 0 units

ENCORE

Collected: Received: 02/15/2019 Completed: 02/19/2019 Batch#:



**ND**Total THC

99.700%

Total CBD

Summary Batch Cannabinoids Pesticides

99.700%

Total Cannabinoids

Pass Complete Pass

Cannabinoids Analyte LOD LOQ Mass Mass mg/g Complete ND THCa 0.099 0.300 ND Date Tested: 02/15/2019 Δ9-THC 0.057 0.173 ND ND SOP: EL-CANNABINOIDS LC-DAD Δ8-ΤΗС 0.101 0.305 ND ND THCV 0.069 0.208 ND ND CBDa 0.084 0.254 <LOQ <LOQ CBD. 99.700 997.00 0.023 0.069 CBN 0.023 0.068 ND ND CBGa 0.084 0.256 ND ND CBG 0.032 0.098 ND ND CBC 0.049 0.147 ND ND 99.700 997.00 Total

Total THC = THCa \* 0.877 +  $\Delta$ 9-THC; Total CBD = CBDa \* 0.877 + CBD; Total Cannabinoids = Total THC + Total CBD LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample. Foreign Material SOP: EL-FOREIGN; Moisture and Water Activity SOP: EL-WATER

Terpenes							Not Tested
SOP: EL-TERPENES GC-MS							
Analyte	LOQ	Mass	Mass	Analyte	LOQ	Mass	Mass

Date Tested:



2 now

Kevin Nolan Lab Supervisor 02/19/2019 Confident Cannabis All Rights Reserved support@confidentcannabis.com (866) 506-5866 www.confidentcannabis.com



# 01193kg

Sample ID: 1902ENC0135.0402 Strain: 01193kg Matrix: Concentrates & Extracts Type: Crystalline Solid Sample Size: 0 g; Batch: 0 units Collected: Received: 02/15/2019 Completed: 02/19/2019 Batch#:

Pesticides Pass SOP: EL-PesticidesLCMS

Analyte	LOD	LOQ	Limit	Mass	Status	Analyte	LOD	LOQ	Limit	Mass	Status
	μg/g	μg/g	µg/g	μg/g			µg/g	µg/g	μg/g	μg/g	
Abamectin	0.031	0.094	0.100	ND	Pass	Fludioxonil	0.015	0.045	0.100	ND	Pass
Acephate	0.009	0.028	0.100	ND	Pass	Hexythiazox	0.005	0.016	0.100	ND	Pass
Acequinocyl	0.029	0.089	0.100	ND	Pass	lmazalil	0.020	0.040	0.020	ND	Pass
Acetamiprid	0.016	0.050	0.100	ND	Pass	Imidacloprid	0.014	0.046	5.000	ND	Pass
Aldicarb	0.020	0.040	0.020	ND	Pass	Kresoxim Methyl	0.011	0.034	0.100	ND	Pass
Azoxystrobin	0.008	0.026	0.100	ND	Pass	Malathion	0.011	0.034	0.500	ND	Pass
Bifenazate	0.011	0.034	0.100	ND	Pass	Metalaxyl	0.011	0.032	2.000	ND	Pass
Bifenthrin	0.021	0.065	3.000	ND	Pass	Methiocarb	0.010	0.040	0.010	ND	Pass
Boscalid	0.010	0.030	0.100	ND	Pass	Methomyl	0.013	0.040	1.000	ND	Pass
Captan	0.011	0.032	0.700	ND	Pass	Methyl Parathion	0.023	0.070	0.023	ND	Pass
Carbaryl	0.005	0.016	0.500	ND	Pass	Mevinphos	0.020	0.040	0.020	ND	Pass
Carbofuran	0.010	0.040	0.010	ND	Pass	Myclobutanil	0.007	0.021	0.100	ND	Pass
Chlorantraniliprole	0.012	0.035	10.000	ND	Pass	Naled	0.009	0.026	0.100	ND	Pass
Chlordane	0.050	0.100	0.050	ND	Pass	Oxamyl	0.005	0.014	0.500	ND	Pass
Chlorfenapyr	0.030	0.090	0.030	ND	Pass	Paclobutrazol	0.040	0.100	0.040	ND	Pass
Chlorpyrifos	0.020	0.040	0.020	ND	Pass	Pentachloronitrobenzene	0.050	0.100	0.100	ND	Pass
Clofentezine	0.010	0.030	0.100	ND	Pass	Permethrin	0.010	0.030	0.500	ND	Pass
Coumaphos	0.020	0.040	0.020	ND	Pass	Phosmet	0.006	0.017	0.100	ND	Pass
Cyfluthrin	0.010	0.030	2.000	ND	Pass	Piperonyl Butoxide	0.006	0.019	3.000	ND	Pass
Cypermethrin	0.009	0.028	1.000	ND	Pass	Prallethrin	0.030	0.089	0.100	ND	Pass
Daminozide	0.020	0.040	0.020	ND	Pass	Propiconazole	0.005	0.016	0.100	ND	Pass
DDVP	0.020	0.040	0.020	ND	Pass	Propoxur	0.010	0.040	0.010	ND	Pass
Diazinon	0.007	0.021	0.100	ND	Pass	Pyrethrins	0.008	0.025	0.500	ND	Pass
Dimethoate	0.010	0.040	0.010	ND	Pass	Pyridaben	0.013	0.039	0.100	ND	Pass
Dimethomorph	0.008	0.027	2.000	ND	Pass	Spinetoram	0.010	0.030	0.100	ND	Pass
Ethoprophos	0.010	0.040	0.010	ND	Pass	Spinosad	0.006	0.018	0.100	ND	Pass
Etofenprox	0.020	0.040	0.020	ND	Pass	Spiromesifen	0.019	0.058	0.100	ND	Pass
Etoxazole	0.006	0.018	0.100	ND	Pass	Spirotetramat	0.011	0.035	0.100	ND	Pass
Fenhexamid	0.016	0.048	0.100	ND	Pass	Spiroxamine	0.020	0.040	0.020	ND	Pass
Fenoxycarb	0.010	0.040	0.010	ND	Pass	Tebuconazole	0.009	0.028	0.100	ND	Pass
Fenpyroximate	0.009	0.026	0.100	ND	Pass	Thiacloprid	0.020	0.040	0.020	ND	Pass
Fipronil	0.021	0.064	0.021	ND	Pass	Thiamethoxam	0.009	0.028	5.000	ND	Pass
Flonicamid	0.013	0.040	0.100	ND	Pass	Trifloxystrobin	0.005	0.016	0.100	ND	Pass

Date Tested: 02/15/2019

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.



& NoW

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