

Order #: 31756 Older Name: Stress Relief Orn Spray ED010 Batcher: Lot EB018 Received: 05/30/2019 Completed: 06/10/2019



Cannabinoids Test

Safe Harbour Wellness, LLC. 3000 Meadow Lake Drive, Ste. 105 Birmingham, AL 35242 CS@safeharbourwellness.com 205.588.0928



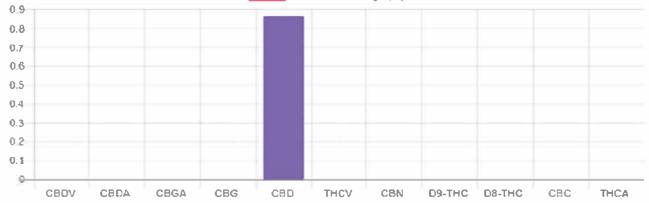
### Sample





GSL 509 400	FREPARED: 050	<b>30/2019 21:3</b> 1: <b>13</b>	UPLOADED: 05/31/2	019 17 02 48
cannabinoids			weight(%)	mg/g
DELTA-9-TETRAHYDROC	ANNAELMOL	D9-THC	ND	Q'P
TETRARYORDCANNADA	OUC ACID	1HCA	RID.	Q'P
CANNABIDIOL		CBD	0.864%	8.640
CANNABIDIOUC ACID		CSDA	NÐ	A'D
CANNABIDIVARIN		CBOV	NÐ	N'D
CANNABICH ROMENE		CBC	ND	N'D
CANNABINOL		CBN	NÐ	N'D
CANNABIGEROI.		CBG	ND	N'D
CANNABIGEROLIC ACID		CBGA	NÐ	Q'P
DELTA-8-TETRAHVOROC	ANNABINOL	D8-THC	NÐ	Q'P
TETRATYORDCANNAGA	apin	THEV	NÐ	A.D
TOFAL D9-THC			N/D	ND
TO FAL CBD			0.864%	8.640
TOTAL CANNABINOIDS			0.854%	8.640

Cannabineid Weight(%)



#### Recording Line 10 pers

Total CBD - CBD + CBDAx 0.877 NO . Not Ownered, BILOC . Balaw Limit of Charithant

### Notes

69mg cannabinoids per 8mL



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Dylan Swart, Lab Director

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Order #: 31756 Order Name: Stress Refer 8ml Spray EB018 Batchill: Lot EB018 Received: 05/30/2019 Completed: 06/10/2019



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### **Microbial Analysis:**

### MICROBIA Analysia GSL SOP 406

Uploaded: 06/03/2019 01:17:22

1.12		Opioladade Udiologija Str. 17.22				
PCR • Aglent Alizabox Test	Test Method Used	Device Used	LOD	Allowable Amount	Actuai Result	Pass/Fail
STEC E. COU"	USP 61/62	ARIANC POR	2 COPIES OF DNA	PRIME ABSENT	BELOWLOD	PASS
SALMONELLA'	USP 61/62+	ARIANX PCR	5 COPIES OF DNA	PRESENCE / ABSENT	85LOW LOD	PASS
ASPERGILLUS	USP 61/627	ARIANC PCR	ASP_100	PRESENCE / ABSENT	BELOWLOD	PASS
YEAST AND MOLD	USP 61/62+	ARIANX POR	363.05518 CFU/G**	1,000	BELOW THRESHOLD	PASS
TOTAL AEROBIC BACTERIA	USP 61/62+	ARIANC POR	0.25316 CRUIG**	10,000	BELOW	PASS
COLIFORM	USP 61/627	ARIANC PCR	3.41539 CFU/G**	100	BELOW	PASS
ENTEROBACTERIACEAE	USP 61/627	ARIANC POR	0.32951 CFU/G**	100	BELOW	PASS

1 USP 81 (enumeration of becarie TAC, TYN), and ENT/Coliform), USP 82 (contributing equality equality equality exactly approximate the second feature end featu

\*\* CFUIg Calculation based on Balact Calagory Type Gurriny M P/Extract Rover methy

- Pence = 2 Copies of DNA / Furrigate = 2 Copies of DNA Niger = 20 Copies of DNA / Terms = 10 copies of DNA



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Order #: 34222 Order Name: CBD Isolate Batch#: 070519 Received: 08/01/2019 Completed: 08/05/2019



Cannabinoids Test SHIMADZU INTEGRATED UPLC-PDA

GSL SOP 400

Safe Harbour Wellness, LLC. 3000 Meadow Lake Drive, Ste 105 Birmingham, Al, 35242 Email:CS@safeharbourwellness.com Phone: 205-588-0928



UPLOADED: 08/05/2019 17:05:02

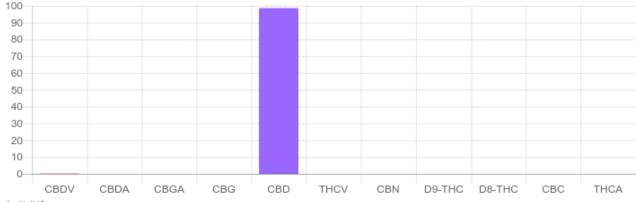
Sample



Cannabinoids	LOQ	weight(%)	mg/g
D9-THC	10 PPM	N/D	N/D
THCA	10 PPM	N/D	N/D
CBD	10 PPM	98.614%	986.143
CBDA	20 PPM	N/D	N/D
CBDV	20 PPM	0.257%	2.575
CBC	10 PPM	N/D	N/D
CBN	10 PPM	N/D	N/D
CBG	10 PPM	N/D	N/D
CBGA	20 PPM	N/D	N/D
D8-THC	10 PPM	N/D	N/D
THCV	10 PPM	N/D	N/D
TOTAL D9-THC		N/D	N/D
TOTAL CBD*		98.614%	986.143
TOTAL CANNABINOIDS		98.871%	988.718

PREPARED: 08/01/2019 21:04:24





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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## **PESTICIDE ANALYSIS:**

GSL SOP 401

PREPARED: 08/01/2019 22:28:25

UPLOADED: 08/02/2019 21:08:03

GCMS-MS - Shimadzu GCMS-TQ8040

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
CAPTAN	0.700	N/D	0.003	0.001
CHLORDANE	0.100	N/D	0.003	0.001
CHLORFENAPYR	0.100	N/D	0.003	0.001
COUMAPHOS	0.100	N/D	0.003	0.001

Action Level Results LOQ LOD Pesticide (ppm) (ppm) (ppm) (ppm) CYFLUTHRIN N/D 2.000 0.003 0.001 CYPERMETHRIN 1.000 N/D 0.003 0.001 PARATHION-METHYL 0.100 N/D 0.003 0.001 PENTACHLORONITROBENZENE 0.100 N/D 0.003 0.001

#### 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
DIAZANON	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

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
IMAZALIL	0.100	N/D	0.005	0.001
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 BUTOXIDE	3.000	N/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 (PYRETHRIN I)	0.500	N/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

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:**

Headspace GCMS - Shimadzu GCMS QP2020 with HS20

GSL SOP 405 Prepared: 08/01/2019 23:29:10 Uploaded: 08/05/2019 16:00:34

Residual Solvent	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
ACETONE	5,000	N/D	140	20
ACETONITRILE	410	N/D	25	1
BENZENE	1	N/D	1	0.5
BUTANE	5,000	N/D	50	10
CHLOROFORM	1	N/D	1	0.5
DICHLOROETHANE	1	N/D	1	0.5
DICHLOROMETHANE	1	N/D	1	0.5
ETHANOL	5,000	N/D	140	20
ETHYL ACETATE	5,000	N/D	140	20
ETHYL ETHER	5,000	N/D	140	20
SOPROPYL ALCOHOL	5,000	N/D	140	20
METHANOL	3,000	N/D	100	20
N-HEPTANE	5,000	N/D	140	20
N-HEXANE	290	N/D	18	10
PENTANE	5,000	B/LOQ	140	20
PROPANE	5,000	N/D	20	1
TOLUENE	890	N/D	53	1
RICHLOROETHENE	0	N/D	0	0
XYLENES	2,170	N/D	130	20



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Mycotoxin Analysis:

LC-MS - Shimadzu LCMS-8060 GSL SOP 401

Uploaded: 08/02/2019 18:00:18

Order #: 34222 Order Name: CBD Isolate Batch#: 070519 Received: 08/01/2019 Completed: 08/05/2019



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Action Level (ppb)

200

200

100

500



Result (ppb)

B/LOQ

B/LOQ

B/LOQ

B/LOQ

## Heavy Metals Analysis:

Metal ARSENIC (AS)

CADMIUM (CD)

MERCURY (HG)

LEAD (PB)

ICP-MS - Shimadzu ICPMS-2030 GSL SOP 403

Uploaded: 08/02/2019 19:57:29

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 4ppb, LOD is 1ppb

### **Microbial Analysis:**

Microbial Analysis GSL SOP 406 Uploaded: 08/03/2019 18:54:19

Lower Limit of Quantitation (LOQ) is 75 ppb

PCR - Agilent AriaMX **Test Method** Actual **Device Used** LOD Allowable Criteria Pass/Fail Test Used Result STEC E.COLI\* USP 61/62† ARIAMX PCR 2 COPIES OF DNA PRESENCE / ABSENT **BELOW LOD** PASS USP 61/62† **5 COPIES OF DNA** SALMONELLA\* ARIAMX PCR PRESENCE / ABSENT **BELOW LOD** PASS ASPERGILLUS USP 61/62† ARIAMX PCR ASP LOD\*\*\* PRESENCE / ABSENT **BELOW LOD** PASS BELOW YEAST AND MOLD USP 61/62+ ARIAMX PCR 363.05518 CFU/G\*\* 1.000 PASS THRESHOLD BELOW TOTAL AEROBIC BACTERIA USP 61/62+ ARIAMX PCR 0.25316 CFU/G\*\* 10,000 PASS THRESHOLD **BELOW** COLIFORM USP 61/62† ARIAMX PCR 3.41539 CFU/G\*\* 100 PASS THRESHOLD BELOW ENTEROBACTERIACEAE ARIAMX PCR 100 PASS USP 61/62+ 0 32951 CEU/G\*\* THRESHOLD

† 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 Select Category Type Gummy MIP/Extract Flower matrix

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

## Water Activity:

HD-3A Water Activity Meter - GSL SOP 407

Uploaded: 08/01/2019 20:49:13

Water

0.72

### Filth and Foreign Materials Analysis:

Microscope - Amscope Simul-Focal Trinocular Stereo Zoom Microscope - GSL SOP 409

Uploaded: 08/05/2019 17:07:03

Pass: No Foreign Materials Detected



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