

Order #: 65021 Order Name: Xon Xtreme CBD

1000mg Batch#: 002337 Received: 10/27/2020 Completed: 11/04/2020 Florida Nutrition INC 11818 Race Track Road Tampa FL, 33626 (813) 445-7878 cbeekman@floridanutritioninc.com



#### Sample



N/D D9-THC 10.772% Total CBD

1,061.2 mg Cannabinoids per unit

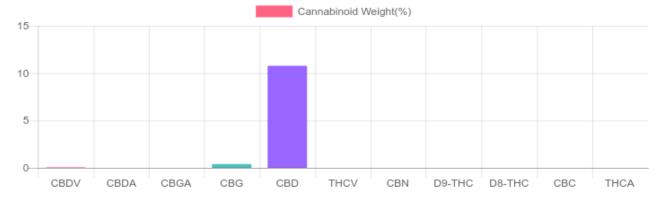
1,018.0 mg CBD per unit

1 unit = 10 ml per unit x density (0.945) x Cannabinoid concentration

#### **Cannabinoids Test**

SHIMADZU INTEGRATED UPLC-PDA

GSL SOP 400			UPLOADED: 11/02/2020 21:43:31		
Cannabinoids	LOQ	weight(%)	mg/g	mg/unit	
D9-THC	10 PPM	N/D	N/D	N/D	
THCA	10 PPM	N/D	N/D	N/D	
CBD	10 PPM	10.772%	107.720	1,018.0	
CBDA	20 PPM	N/D	N/D	N/D	
CBDV	20 PPM	0.056%	0.561	5.3	
CBC	10 PPM	N/D	N/D	N/D	
CBN	10 PPM	N/D	N/D	N/D	
CBG	10 PPM	0.401%	4.006	37.9	
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*		10.772%	107.720	1,018.0	
TOTAL CANNABINOIDS		11.229%	112.287	1,061.2	



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

Dr. Andrew Hall, Ph.D., Chief Scientific Officer

Ben Witten, MS, MT., Lab Director

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**TERPENES: TOTAL (0.060%)** 

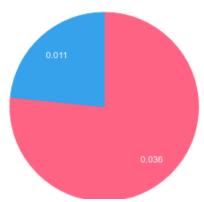
Headspace GCMS - Shimadzu GCMS QP2020 with HS20

Terpene	Results (%)	LOQ (%)	LOD (%)
BETA-PINENE	B/LOQ	0.0067%	0.0063%
CARYOPHYLLENE	B/LOQ	0.0067%	0.0063%
EUCALYPTOL	0.036%	0.0067%	0.0063%
LIMONENE	0.011%	0.0067%	0.0063%
TRANS-BETA-OCIMENE	B/LOQ	0.0067%	0.0031%

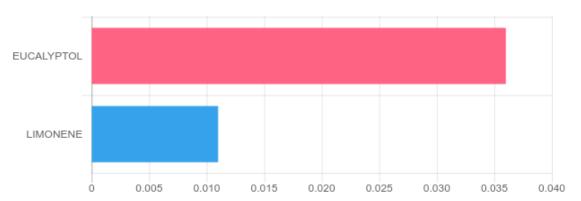
GSL SOP 404

Prepared: 10/28/2020 21:26:38 Uploaded: 10/29/2020 08:20:07

### **Terpenes Breakdown**



#### **Top Terpenes Results:**



#### Tested for but not present:

CAMPHENE, BETA-MYRCENE, 3-CARENE, ALPHA-TERPINENE, P-CYMENE, CIS-BETA-OCIMENE, GAMMA.-TERPINENE, TERPINOLENE, LINALOOL, ISOPULEGOL, GERANIOL, HUMULENE, CIS-NEROLIDOL, TRANS-NEROLIDOL, GUAIOL, CARYOPHYLLENE OXIDE, ALPHA-BISABOLOL

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#### **PESTICIDE ANALYSIS:**

GSL SOP 401 PREPARED: 10/28/2020 21:35:55 UPLOADED: 10/30/2020 16:21:45

GCMS-MS - Shimadzu GCMS-TQ8040

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
CAPTAN	3.000	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

Pesticide	<b>Action Leve</b>	l Results	LOQ	LOD
resticide	(ppm)	(ppm)	(ppm)	(ppm)
CYFLUTHRIN	1.000	N/D	0.003	0.001
CYPERMETHRIN	1.000	N/D	0.003	0.001
PENTACHLORONITROBENZENE	0.200	N/D	0.003	0.001

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	0.300	N/D	0.005	0.001	IMAZALIL	0.100	N/D	0.005	0.001
ACEPHATE	3.000	N/D	0.001	0.001	IMIDACLOPRID	3.000	N/D	0.005	0.001
ACEQUINOCYL	2.000	N/D	0.001	0.001	KRESOXIM-METHYL	1.000	N/D	0.010	0.005
ACETAMIPRID	3.000	N/D	0.005	0.001	MALATHION	2.000	N/D	0.005	0.001
ALDICARB	0.100	N/D	0.005	0.001	METALAXYL	3.000	N/D	0.001	0.001
AZOXYSTROBIN	3.000	N/D	0.001	0.001	METHIOCARB	0.100	N/D	0.005	0.001
BIFENAZATE	3.000	N/D	0.005	0.001	METHOMYL	0.100	N/D	0.001	0.001
BIFENTHRIN	0.500	N/D	0.005	0.001	MEVINPHOS	0.100	N/D	0.001	0.001
BOSCALID	3.000	N/D	0.005	0.001	MYCLOBUTANIL	3.000	N/D	0.005	0.001
CARBARYL	0.500	N/D	0.003	0.001	NALED	0.500	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	3.000	N/D	0.005	0.005	PACLOBUTRAZOL	0.100	N/D	0.005	0.001
CHLORMEQUAT	0.000	NVD	0.005	0.005	PERMETHRINS	1.000	N/D	0.005	0.001
CHLORIDE	3.000	N/D	0.025	0.025	PHOSMET	0.200	N/D	0.005	0.001
CHLORPYRIFOS	0.100	N/D	0.001	0.001	PIPERONYL	0.000	N/D	0.004	0.004
CLOFENTEZINE	0.500	N/D	0.001	0.001	BUTOXIDE	3.000	N/D	0.001	0.001
DAMINOZIDE	0.100	N/D	0.005	0.001	PRALLETHRIN	0.400	N/D	0.005	0.005
DIAZINON	0.200	N/D	0.001	0.001	PROPICONAZOLE	1.000	N/D	0.010	0.005
DICHLORVOS	0.100	N/D	0.005	0.001	PROPOXUR	0.100	N/D	0.001	0.001
DIMETHOATE	0.100	N/D	0.001	0.001	PYRETHRINS	1.000	N/D	0.005	0.005
DIMETHOMORPH	3.000	N/D	0.005	0.001	(PYRETHRIN I)	1.000	IN/D	0.005	0.005
ETHOPROPHOS	0.100	N/D	0.001	0.001	PYRIDABEN	3.000	N/D	0.005	0.001
ETOFENPROX	0.100	N/D	0.001	0.001	SPINETORAM	3.000	N/D	0.001	0.001
ETOXAZOLE	1.500	N/D	0.010	0.005	SPINOSAD	3.000	N/D	0.001	0.001
FENHEXAMID	3.000	N/D	0.005	0.001	SPIROMESIFEN	3.000	N/D	0.005	0.001
FENOXYCARB	0.100	N/D	0.005	0.001	SPIROTETRAMAT	3.000	N/D	0.001	0.001
FENPYROXIMATE	2.000	N/D	0.001	0.001	SPIROXAMINE	0.100	N/D	0.001	0.001
FIPRONIL	0.100	N/D	0.003	0.001	TEBUCONAZOLE	1.000	N/D	0.005	0.001
FLONICAMID	2.000	N/D	0.025	0.010	THIACLOPRID	0.100	N/D	0.001	0.001
FLUDIOXONIL	3.000	N/D	0.003	0.001	THIAMETHOXAM	1.000	N/D	0.001	0.001
HEXYTHIAZOX	2.000	N/D	0.005	0.001	TRIFLOXYSTROBIN	3.000	N/D	0.001	0.001

 ${\sf N/D} = {\sf Not\ Detected},\ {\sf A/LOQ} = {\sf Above\ LOQ\ Level},\ {\sf B/LOQ} = {\sf Below\ LOQ\ Level},\ {\sf B/LOD} = {\sf Below\ LOD\ Level}$ 

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#### **RESIDUAL SOLVENTS:**

Headspace GCMS - Shimadzu GCMS QP2020 with HS20

GSL SOP 405

Prepared: 10/28/2020 19:14:23 Uploaded: 10/29/2020 20:29:47

Residual Solvent	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
1,1-DICHLOROETHENE	8	N/D	0.63	0.63
1,2- DICHLOROETHANE	2	N/D	0.12	0.02
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
CIS 1,2-DICHLOROETHENE	5	N/D	0.73	0.18
ETHANOL	5,000	N/D	140	20
ETHYL ACETATE	5,000	N/D	140	20
ETHYL ETHER	5,000	N/D	140	20
ETHYLENE OXIDE	1	N/D	0	0
ISOPROPYL ALCOHOL	5,000	N/D	140	20
METHANOL	3,000	N/D	100	20
METHYLENE CHLORIDE	125	N/D	0.15	0.15
N-HEPTANE	5,000	N/D	140	20
N-HEXANE	290	N/D	18	10
PENTANE	5,000	N/D	140	20
PROPANE	5,000	N/D	20	1
TOLUENE	890	N/D	53	1
TRANS 1,2-DICHLOROETHENE	5	N/D	0.73	0.18
TRICHLOROETHENE	1	N/D	1	0.5
XYLENES	150	N/D	130	20

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**Microbial Analysis:** 

PCR - Agilent AriaMX

Microbial Analysis GSL SOP 406

Uploaded: 10/29/2020 19:40:40

#### **MICROBIAL ANALYSIS:**

PCR - Agilent AriaMX

Test	SOP	Test Method	Device Used	LOD	Allowable Criteria	Actual Result	Pass/Fail
TOTAL YEAST AND MOLD	406.01	USP 61/62†	ARIAMX PCR	CFU/G BY SAMPLE TYPE**	10,000 CFU/G	NOT DETECTED	PASS
STEC E. COLI*	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
PATHOGENIC 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

<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> STEC and Salmonella run as Multiplex

<sup>\*\*</sup> CFU/g Calculation based on MIP/Extract matrix

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



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#### **Mycotoxin Analysis:**

LC-MS - Shimadzu LCMS-8060 GSL SOP 401

Uploaded: 10/30/2020 16:21:45

Analyte	Action LvI (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

#### **Moisture Analysis:**

Shimadzu MOC63U Moisture Balance - GSL SOP 411

Uploaded: 10/28/2020 22:28:19

Moisture %

4.1%

### **Heavy Metals Analysis:**

ICP-MS - Shimadzu ICPMS-2030

GSL SOP 403

Uploaded: 10/30/2020 17:29:02

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

#### Water Activity:

HD-3A Water Activity Meter - GSL SOP 407

Uploaded: 10/28/2020 22:28:19

Water

0.55

### Filth and Foreign Materials Analysis:

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

Uploaded: 10/28/2020 22:56:28

Pass: No Foreign Materials Detected

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