



Sunflora

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Palmetto, FL 34221
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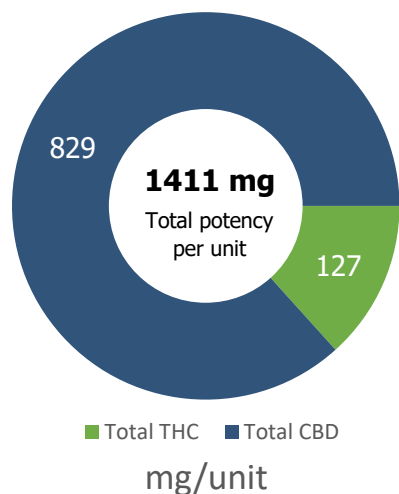
Beyond Sativa (052021SATWS)

Order ID#:	20210514-873	Lab Code#:	LC-20210514-2248
Product Type:	Water soluble	Date sampled:	18-May-2021
Lot Number:	052021SATWS	Date received:	19-May-2021
Batch Number:	052021SATWS	Completed:	7-Jun-2021
		Report expires:	7-Jun-2022

SAFETY ANALYSIS

Microbials PASS	Mycotoxins PASS	Pesticides PASS	Metals PASS	Solvents PASS
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CANNABINOID PROFILE



Unit size (mL) 60
Total (mg/mL) 23.5
Total THC Pass

TOP TERPENES PROFILE (ppm)



Terpene	Result (ppm)	Result (%)
<i>D-Limonene</i>	194.25	0.01942
<i>Nerolidol 1</i>	110.87	0.01109
<i>Terpinolene</i>	88.260	0.00883
<i>Isopulegol</i>	83.680	0.00837
<i>α-Pinene</i>	50.392	0.00504
<i>Guaial</i>	48.728	0.00487

Comments:

None.

Authorization



Steven Perez, Laboratory Director
Approval Date: 7-Jun-2021

Test results are based solely upon the test article submitted to Americanna Laboratories, LLC in the condition it was received. Americanna Laboratories, LLC warrants that all analytical work was conducted in a professional manner in accordance with the requirements of ISO/IEC 17025:2017 (#102139), such as comparison to Certified Reference Materials and NIST traceable Reference Standards. This report shall not be reproduced, except in its entirety, without the written approval of Americanna Laboratories, LLC. Test results are confidential unless explicitly waived. Void after 1 year from test end date.

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CANNABINOIDS

Analyte	%	mg/g	mg/mL*	mg/unit
THCA-A	ND	ND	ND	ND
Δ9-THC	0.193	1.930	2.123	127.4
CBDA	ND	ND	ND	ND
CBD	1.26	12.56	13.81	828.8
CBN	0.0195	0.1951	0.2146	12.9
CBDV	0.0278	0.2780	0.3058	18.3
Δ8-THC	ND	ND	ND	ND
THCV	ND	ND	ND	ND
CBG	0.529	5.293	5.823	349.4
CBGA	ND	ND	ND	ND
CBC	0.113	1.131	1.244	74.6

Total THC^a 2.12 mg/mL
0.193% **PASS**

Total CBD^b 13.8 mg/mL
829 mg/unit

TOTAL^c 23.5 mg/mL
1411 mg/unit

Analysis Batch: WO-21051901A
Analysis Date: Thursday, May 20, 2021
Test Method: SOP 6.6 (HPLC)
Instrument: Agilent HPLC Instrument 33

^a Total THC is calculated as THC + (THCA × 0.877).
^b Total CBD is calculated as CBD + (CBDA × 0.877).
^c The absolute sum of all cannabinoids above the level of detection.
LOD = 0.007%

TERPENES

Analyte	Result (µg/g)	Result (%)
α-Bisabolol	9.398	0.00094
α-Humulene	4.868	0.00049
α-Pinene	50.39	0.00504
α-Terpinene	34.84	0.00348
β-Caryophyllene	13.72	0.00137
β-Myrcene	17.58	0.00176
β-Ocimene 1	ND	ND
β-Ocimene 2	ND	ND
β-Pinene	4.014	0.00040
Camphene	4.886	0.00049
Caryophyllene-oxide	ND	ND
δ-3-Carene	20.36	0.00204

LOD = 0.0002%

Analysis Batch: WO-21052516
Analysis Date: Thursday, June 03, 2021

Analyte	Result (µg/g)	Result (%)
D-Limonene	194.2	0.01942
Eucalyptol	38.12	0.00381
γ-Terpinene	18.73	0.00187
Geraniol	18.04	0.00180
Guaiol	48.73	0.00487
Isopulegol	83.68	0.00837
Linalool	28.61	0.00286
Nerolidol 1	110.9	0.01109
Nerolidol 2	ND	ND
p-Cymene	ND	ND
Terpinolene	88.26	0.00883

Total Terpenes: 789.3 0.0789
Total (µg/unit): 47360.5

Test Method: SOP 6.9
Instrument: Agilent GC-FID/MS, Instrument 36

Comments:

* Density correction = 1.1 g/mL

Authorization



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PESTICIDES

Analyte	Action Level	Result (µg/g)
Abamectin	0.30	ND - Pass
Acephate	3.00	ND - Pass
Acequinocyl	2.00	ND - Pass
Acetamiprid	3.00	ND - Pass
Aldicarb	0.10	ND - Pass
Azoxystrobin	3.00	ND - Pass
Bifenazate	3.00	ND - Pass
Bifenthrin*	0.50	ND - Pass
Boscalid*	3.00	ND - Pass
Captan	3.00	ND - Pass
Carbaryl	0.50	ND - Pass
Carbofuran	0.10	ND - Pass
Chlorantraniliprole	3.00	ND - Pass
Chlordane*	0.10	ND - Pass
Chlorfenapyr	0.05	ND - Pass
Chlormequat chloride	3.00	ND - Pass
Chlorpyrifos*	0.10	ND - Pass
Clofentezine	0.50	ND - Pass
Coumaphos	0.10	ND - Pass
Cyfluthrin*	1.00	ND - Pass
Cypermethrin*	1.00	ND - Pass
Daminozide	0.10	ND - Pass
Diazinon	0.20	ND - Pass
Dichlorvos	0.10	ND - Pass
Dimethoate	0.10	ND - Pass
Dimethomorph (I/II)	3.00	ND - Pass
Ethoprophos	0.10	ND - Pass
Etofenprox	0.10	ND - Pass
Etoxazole	1.50	ND - Pass
Fenhexamid	3.00	ND - Pass
Fenoxycarb	0.10	ND - Pass
Fenpyroximate	2.00	ND - Pass
Fipronil	0.10	ND - Pass
Flonicamid	2.00	ND - Pass

Analyte	Action Level	Result (µg/g)
Fludioxonil	3.00	ND - Pass
Hexythiazox	2.00	ND - Pass
Imazalil	0.10	ND - Pass
Imidacloprid	3.00	ND - Pass
Kresoxim methyl	1.00	ND - Pass
Malathion	2.00	ND - Pass
Metalaxyl	3.00	ND - Pass
Methiocarb	0.10	ND - Pass
Methomyl	0.10	ND - Pass
Methyl parathion*	0.10	ND - Pass
Mevinphos (I/II)	0.10	ND - Pass
Myclobutanil	3.00	ND - Pass
Naled	0.50	ND - Pass
Oxamyl	0.50	ND - Pass
Paclbutrazol	0.10	ND - Pass
Pentachloronitrobenzer	0.20	ND - Pass
Permethrin*	1.00	ND - Pass
Phosmet	0.20	ND - Pass
Piperonyl butoxide	3.00	ND - Pass
Prallethrin	0.40	ND - Pass
Propiconazole	1.00	ND - Pass
Propoxur	0.10	ND - Pass
Pyrethrins	1.00	ND - Pass
Pyridaben	3.00	ND - Pass
Spinetoram (J/L)	3.00	ND - Pass
Spinosad A + D	3.00	ND - Pass
Spiromesifen	3.00	ND - Pass
Spirotetramat	3.00	ND - Pass
Spiroxamine (I/II)	0.10	ND - Pass
Tebuconazole	1.00	ND - Pass
Thiacloprid	0.10	ND - Pass
Thiamethoxam	1.00	ND - Pass
Trifloxystrobin	3.00	ND - Pass

* Denotes analysis by GC-MS/MS

Analysis Batch: WO-21052514
Analysis Date (LC): Wednesday, May 26, 2021
Analysis Date (GC): Wednesday, May 26, 2021

Test Method: SOP 6.7
Instrument (LC): Agilent LC-MS/MS, Instrument 32
Instrument (GC): Agilent GC-MS/MS, Instrument 34

Comments:

None.

Authorization



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 Approval Date: 7-Jun-2021

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RESIDUAL SOLVENTS

Analyte	Action Level	Result (µg/g)
1,2-Dichloroethane	5	ND - Pass
Acetone	5000	ND - Pass
Acetonitrile	410	ND - Pass
Benzene	2	ND - Pass
Butane	2000	175.9 - Pass
Chloroform	60	ND - Pass
Ethanol*	5000	>5000
Ethyl Acetate	5000	ND - Pass
Ethyl Ether	5000	ND - Pass
Ethylene Oxide	5	ND - Pass

Analyte	Action Level	Result (µg/g)
Heptane	5000	ND - Pass
Hexane	290	ND - Pass
Isopropyl Alcohol	500	ND - Pass
Methanol	3000	ND - Pass
Methylene Chloride	600	ND - Pass
Pentane	5000	ND - Pass
Propane	2100	ND - Pass
Toluene	890	ND - Pass
Trichloroethylene	80	ND - Pass
Xylenes, Total	2170	ND - Pass

LOD = 20 µg/g

Analysis Batch: WO-21052515
Analysis Date: Friday, May 28, 2021

Test Method: SOP 6.8
Instrument: Agilent GC-FID/MS, Instrument 36

MYCOTOXINS

Analyte	Report	Result	Action Limit	LOD	Unit
Aflatoxin, Total	Pass	ND	0.020	0.005	µg/g
Ochratoxin A	Pass	ND	0.020	0.005	µg/g

* Total Aflatoxin includes B1, B2, G1 and G2.

Analysis Batch: WO-21052514
Analysis Date: Wednesday, May 26, 2021

Test Method: SOP 6.7
Instrument: Agilent LC-MS/MS, Instrument 33

MICROBIAL CONTAMINANTS

Test	Report	Result	Specification
Shiga toxin-producing E.coli (STEC)	Pass	Absent	Absent in 1 g
Salmonella	Pass	Absent	Absent in 1 g
Listeria	Pass	Absent	Absent in 1 g

Analysis Batch: WO-21052513
Analysis Date: Wednesday, May 26, 2021

Test Method: SOP 6.11 (qPCR)
Instrument: Agilent AriaMX, Instrument 43

HEAVY METALS

Element	Report	Result	Action Limit	LOD	Unit
Lead	Pass	ND	0.50	0.050	µg/g
Arsenic	Pass	ND	1.5	0.050	µg/g
Mercury	Pass	ND	3.0	0.005	µg/g
Cadmium	Pass	ND	0.50	0.050	µg/g

Analysis Batch: WO-21052512
Analysis Date: Wednesday, May 26, 2021

Test Method: SOP 6.10
Instrument: Agilent ICP/MS, Instrument 37

Comments:

The flavor profile is ethanol-based.

Authorization



Steven Perez, Laboratory Director
 Approval Date: 7-Jun-2021

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