

082321FSNRO 900mg

 Sample ID: SA-08182021-3403
 Batch: 082321FSNRO 900mg
 Type: Finished Materials
 Matrix: Concentrate - Water Soluble

 Received: 08/18/2021
 Completed: 08/31/2021

Client
 SunFlora Inc.
 600 8th Ave W, STE 400
 Palmetto, FL 34221
 USA

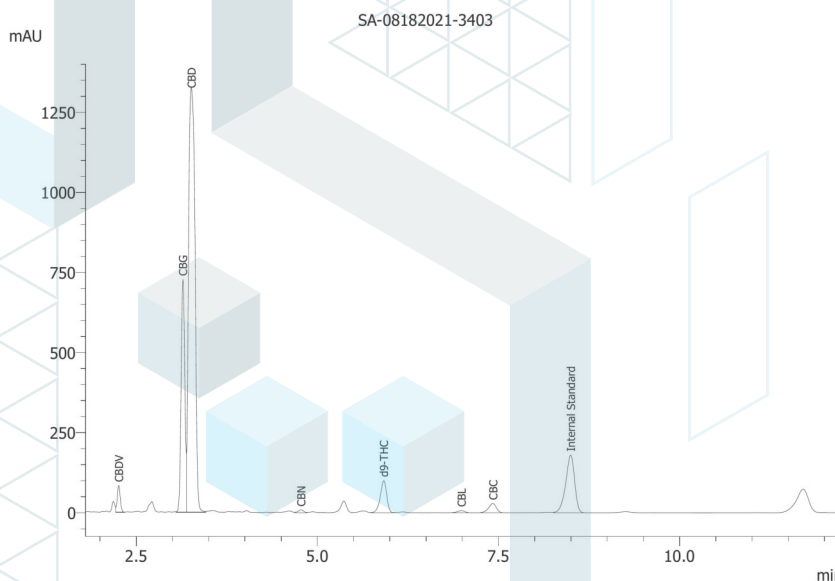

Summary

Test	Date Tested	Status
Cannabinoids	08/31/2021	Tested
Foreign Matter	08/31/2021	Not Detected
Heavy Metals	08/30/2021	Tested
Microbials	08/31/2021	Tested
Mycotoxins	08/27/2021	Tested
Pesticides	08/27/2021	Tested
Residual Solvents	08/24/2021	Tested
Terpenes	08/31/2021	Tested

Cannabinoids by HPLC-PDA

0.0519 %	2.34 %	2.71 %	Not Tested	Not Detected	Yes
Total Δ9-THC	CBD	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Marker Recovered

Analyte	LOD (%)	LOQ (%)	Result (mg/mL)	Result (%)
CBC	0.00095	0.00284	0.183	0.0160418
CBCA	0.00181	0.00543	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.00242	26.735	2.34359
CBDA	0.00043	0.0013	ND	ND
CBDV	0.00061	0.00182	0.235	0.0206001
CBDVA	0.00021	0.00063	ND	ND
CBG	0.00057	0.00172	3.119	0.273412
CBGA	0.00049	0.00147	ND	ND
CBL	0.00112	0.00335	0.041	0.00359406
CBLA	0.00124	0.00371	ND	ND
CBN	0.00056	0.00169	0.023	0.00201618
CBNA	0.0006	0.00181	ND	ND
Δ8-THC	0.00104	0.00312	ND	ND
Δ9-THC	0.00076	0.00227	0.592	0.0518948
Δ9-THCA	0.00084	0.00251	ND	ND
Δ9-THCV	0.00069	0.00206	ND	ND
Δ9-THCVA	0.00062	0.00186	ND	ND
Total Δ9-THC			0.592	0.05189
Total CBD			26.735	2.34359
Total			30.928	2.71115



ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;



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 ISO/IEC 17025:2017 Accredited
 Accreditation #108651


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Heavy Metals by ICP-MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Arsenic	2	20	ND
Cadmium	1	20	ND
Lead	2	20	ND
Mercury	12	50	ND

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Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Abamectin	30	100	ND	Hexythiazox	30	100	ND
Acephate	30	100	ND	Imazalil	30	100	ND
Acequinocyl	30	100	ND	Imidacloprid	30	100	ND
Acetamiprid	30	100	ND	Kresoxim methyl	30	100	ND
Aldicarb	30	100	ND	Malathion	30	100	ND
Azoxystrobin	30	100	ND	Metalaxyl	30	100	ND
Bifenazate	30	100	ND	Methiocarb	30	100	ND
Bifenthrin	30	100	ND	Methomyl	30	100	ND
Boscalid	30	100	ND	Mevinphos	30	100	ND
Carbaryl	30	100	ND	Myclobutanil	30	100	ND
Carbofuran	30	100	ND	Naled	30	100	ND
Chloranthraniliprole	30	100	ND	Oxamyl	30	100	ND
Chlorfenapyr	30	100	ND	Paclbutrazol	30	100	ND
Chlorpyrifos	30	100	ND	Permethrin	30	100	ND
Clofentezine	30	100	ND	Phosmet	30	100	ND
Coumaphos	30	100	ND	Piperonyl Butoxide	30	100	ND
Daminozide	30	100	ND	Prallethrin	30	100	ND
Diazinon	30	100	ND	Propiconazole	30	100	ND
Dichlorvos	30	100	ND	Propoxur	30	100	ND
Dimethoate	30	100	ND	Pyrethrins	30	100	ND
Dimethomorph	30	100	ND	Pyridaben	30	100	ND
Ethoprophos	30	100	ND	Spinetoram	30	100	ND
Etofenprox	30	100	ND	Spinosad	30	100	ND
Etoxazole	30	100	ND	Spiromesifen	30	100	ND
Fenhexamid	30	100	ND	Spirotetramat	30	100	ND
Fenoxycarb	30	100	ND	Spiroxamine	30	100	ND
Fenpyroximate	30	100	ND	Tebuconazole	30	100	ND
Fipronil	30	100	ND	Thiacloprid	30	100	ND
Flonicamid	30	100	ND	Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

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Microbials by qPCR and/or Plating

Analyte	LOD (CFU/g)	Result (CFU/g)
Coliforms	1	ND
Aerobic Bacteria	1	ND
Salmonella	1	ND
Total Enterobacteriaceae	1	ND

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08/31/2021





KCA Laboratories
 232 North Plaza Drive
 Nicholasville, KY 40356

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<https://kcalabs.com>
 KDA Lic.# P_0058

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Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND
Ochratoxin A	1	5	ND

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Residual Solvents by HS-GC-MS/MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND	Ethylene Oxide	0.5	1	ND
Acetonitrile	14	41	ND	Heptane	167	500	ND
Benzene	0.5	1	ND	n-Hexane	10	299	ND
Butane	167	500	ND	Isobutane	167	500	ND
1-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanol	167	500	ND	Isopropyl Alcohol	167	500	ND
2-Butanone	167	500	ND	Isopropylbenzene	167	500	ND
Chloroform	2	6	ND	Methanol	100	300	ND
Cyclohexane	130	388	ND	2-Methylbutane	167	500	ND
1,2-Dichloroethane	0.5	1	ND	Methylene Chloride	20	60	ND
1,2-Dimethoxyethane	4	10	ND	2-Methylpentane	10	29	ND
Dimethyl Sulfoxide	167	500	ND	3-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	n-Pentane	167	500	ND
2,2-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
N,N-Dimethylformamide	30	88	ND	n-Propane	167	500	ND
2,2-Dimethylpropane	167	500	ND	1-Propanol	167	500	ND
1,4-Dioxane	13	38	ND	Pyridine	7	20	ND
Ethanol	167	500	ND	Tetrahydrofuran	24	72	ND
2-Ethoxyethanol	6	16	ND	Toluene	30	89	ND
Ethyl Acetate	167	500	ND	Trichloroethylene	3	8	ND
Ethyl Ether	167	500	ND	Tetramethylene Sulfone	6	16	ND
Ethylbenzene	3	7	ND	Xylenes (o-, m-, and p-)	73	217	ND
Ethylene Glycol	21	62	ND				

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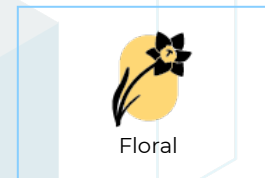
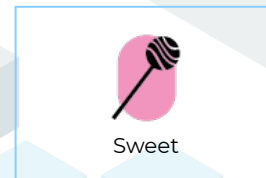
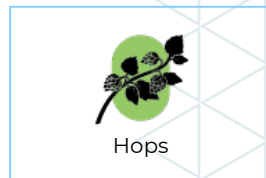
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Terpenes by HS-GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α-Bisabolol	0.00001	0.00005	0.004442	Limonene	0.00001	0.00005	0.00183
(+)-Borneol	0.00001	0.00005	ND	Linalool	0.00001	0.00005	0.00011
Camphene	0.00001	0.00005	0.00011	β-myrcene	0.00001	0.00005	0.00085
Camphor	0.00001	0.00005	ND	Nerol	0.00001	0.00005	ND
3-Carene	0.00001	0.00005	0.000975	cis-Nerolidol	0.00001	0.00005	ND
β-Caryophyllene	0.00001	0.00005	0.010547	trans-Nerolidol	0.00001	0.00005	0.00040
Caryophyllene Oxide	0.00001	0.00005	0.000399	Ocimene	0.00001	0.00005	ND
α-Cedrene	0.00001	0.00005	ND	α-Phellandrene	0.00001	0.00005	0.00048
Cedrol	0.00001	0.00005	ND	α-Pinene	0.00001	0.00005	0.00399
Eucalyptol	0.00001	0.00005	ND	β-Pinene	0.00001	0.00005	0.00076
Fenchone	0.00001	0.00005	ND	Pulegone	0.00001	0.00005	ND
Fenchyl Alcohol	0.00001	0.00005	ND	Sabinene	0.00001	0.00005	<LOQ
Geraniol	0.00001	0.00005	ND	Sabinene Hydrate	0.00001	0.00005	ND
Geranyl Acetate	0.00001	0.00005	ND	α-Terpinene	0.00001	0.00005	0.00053
Guaial	0.00001	0.00005	0.001177	γ-Terpinene	0.00001	0.00005	0.00078
Hexahydrothymol	0.00001	0.00005	ND	α-Terpineol	0.00001	0.00005	0.00020
α-Humulene	0.00001	0.00005	0.002259	γ-Terpineol	0.00001	0.00005	ND
Isoborneol	0.00001	0.00005	ND	Terpinolene	0.00001	0.00005	0.00040
Isopulegol	0.00001	0.00005	ND	Valencine	0.00001	0.00005	ND
				Total Terpenes (%)			0.03026

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