

BS Orange 1000mg

Sample ID: SA-07202021-2823
 Batch: 062821BSTC
 Type: Finished Materials
 Matrix: Oil / Liquid - MCT Oil

Received: 07/20/2021
 Completed: 07/30/2021

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



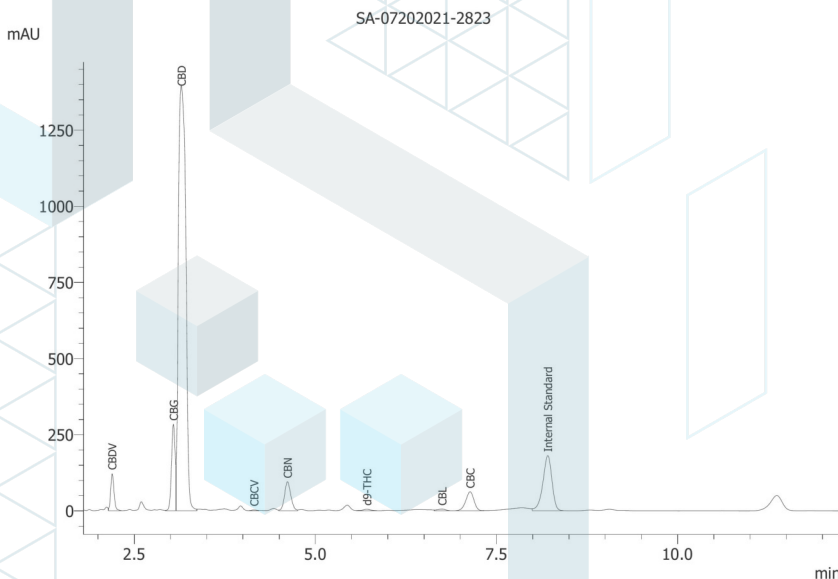
Summary

Test	Date Tested	Status
Cannabinoids	07/21/2021	Tested
Foreign Matter	07/30/2021	Not Detected
Heavy Metals	07/26/2021	Tested
Microbials	07/30/2021	Tested
Mycotoxins	07/26/2021	Tested
Pesticides	07/26/2021	Tested
Terpenes	07/30/2021	Tested

Cannabinoids by HPLC-PDA

<RL	3.78 %	4.02 %	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	0.428	0.04564
CBCA	0.00181	0.00543	ND	ND
CBCV	0.0006	0.0018	0.01	0.00107
CBD	0.00081	0.00242	35.485	3.78422
CBDA	0.00043	0.0013	ND	ND
CBDV	0.00061	0.00182	0.393	0.04191
CBDVA	0.00021	0.00063	ND	ND
CBG	0.00057	0.00172	1.006	0.10728
CBGA	0.00049	0.00147	ND	ND
CBL	0.00112	0.00335	0.04	0.00427
CBLA	0.00124	0.00371	ND	ND
CBN	0.00056	0.00169	0.324	0.03455
CBNA	0.0006	0.00181	ND	ND
Δ8-THC	0.00104	0.00312	ND	ND
Δ9-THC	0.00076	0.00227	<RL	<RL
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			<RL	<RL
Total CBD			35.485	3.78422
Total			37.723	4.02289



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;



08/05/2021

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 Accreditation #108651





KCA Laboratories

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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	1	5	ND	Hexythiazox	1	5	ND
Acephate	1	5	ND	Imazalil	1	5	ND
Acequinocyl	1	5	ND	Imidacloprid	1	5	ND
Acetamiprid	1	5	ND	Kresoxim methyl	1	5	ND
Aldicarb	1	5	ND	Malathion	1	5	ND
Azoxystrobin	1	5	ND	Metalaxyl	1	5	ND
Bifenazate	1	5	ND	Methiocarb	1	5	ND
Bifenthrin	1	5	ND	Methomyl	1	5	ND
Boscalid	1	5	ND	Mevinphos	1	5	ND
Carbaryl	1	5	ND	Myclobutanil	1	5	ND
Carbofuran	1	5	ND	Naled	1	5	ND
Chloranthraniliprole	1	5	ND	Oxamyl	1	5	ND
Chlorfenapyr	1	5	ND	Paclobutrazol	1	5	ND
Chlorpyrifos	1	5	ND	Permethrin	1	5	ND
Clofentezine	1	5	ND	Phosmet	1	5	ND
Coumaphos	1	5	ND	Piperonyl Butoxide	1	5	ND
Cypermethrin	1	5	ND	Prallethrin	1	5	ND
Daminozide	1	5	ND	Propiconazole	1	5	ND
Diazinon	1	5	ND	Propoxur	1	5	ND
Dichlorvos	1	5	ND	Pyrethrins	1	5	ND
Dimethoate	1	5	ND	Pyridaben	1	5	ND
Dimethomorph	1	5	ND	Spinetoram	1	5	ND
Ethoprophos	1	5	ND	Spinosad	1	5	ND
Etofenprox	1	5	ND	Spiromesifen	1	5	ND
Etoxazole	1	5	ND	Spirotetramat	1	5	ND
Fenhexamid	1	5	ND	Spiroxamine	1	5	ND
Fenoxycarb	1	5	ND	Tebuconazole	1	5	ND
Fenpyroximate	1	5	ND	Thiacloprid	1	5	ND
Fipronil	1	5	ND	Thiamethoxam	1	5	ND
Flonicamid	1	5	ND	Trifloxystrobin	1	5	ND
Fludioxonil	1	5	ND				

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Microbials by qPCR and/or Plating

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

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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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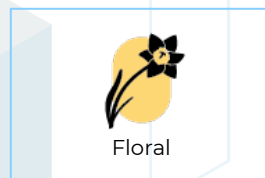
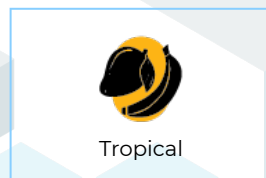
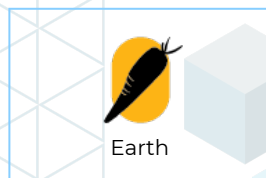
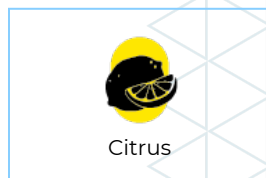
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Terpenes by HS-GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α -Bisabolol	0.00001	0.00005	0.00026	Limonene	0.00001	0.00005	0.30251
(+)-Borneol	0.00001	0.00005	ND	Linalool	0.00001	0.00005	0.00054
Camphene	0.00001	0.00005	ND	β -myrcene	0.00001	0.00005	0.00131
Camphor	0.00001	0.00005	ND	Nerol	0.00001	0.00005	ND
3-Carene	0.00001	0.00005	0.00008	cis-Nerolidol	0.00001	0.00005	ND
β -Caryophyllene	0.00001	0.00005	0.00042	trans-Nerolidol	0.00001	0.00005	ND
Caryophyllene Oxide	0.00001	0.00005	ND	Ocimene	0.00001	0.00005	ND
α -Cedrene	0.00001	0.00005	ND	α -Phellandrene	0.00001	0.00005	0.00005
Cedrol	0.00001	0.00005	ND	α -Pinene	0.00001	0.00005	0.00050
Eucalyptol	0.00001	0.00005	ND	β -Pinene	0.00001	0.00005	<LOQ
Fenchone	0.00001	0.00005	ND	Pulegone	0.00001	0.00005	ND
Fenchyl Alcohol	0.00001	0.00005	ND	Sabinene	0.00001	0.00005	0.00024
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	ND
Guaiol	0.00001	0.00005	0.00020	γ -Terpinene	0.00001	0.00005	<LOQ
Hexadhydrothymol	0.00001	0.00005	ND	α -Terpineol	0.00001	0.00005	0.00009
α -Humulene	0.00001	0.00005	0.00012	γ -Terpineol	0.00001	0.00005	ND
Isoborneol	0.00001	0.00005	ND	Terpinolene	0.00001	0.00005	<LOQ
Isopulegol	0.00001	0.00005	ND	Valencine	0.00001	0.00005	ND
				Total Terpenes (%)			0.30646

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Reporting Limit Appendix

Cannabinoids - CO Broad Spec

Analyte	Limit (%)	Analyte	Limit (%)
Δ9-THC	0.01	Δ9-THCA	0.01
Total THC	0.01		

Heavy Metals -

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Arsenic	200	Lead	500
Cadmium	200	Mercury	100

Microbials -

Analyte	Limit (CFU/g)	Analyte	Limit (CFU/g)
Coliforms	1	Aerobic Bacteria	1000
Bile-Tolerant Gram-Negative Bacteria	1000	E.coli/Coliforms	1
Yeast & Mold	1000	Salmonella	1

Mycotoxins -

Analyte	Limit (ppm)	Analyte	Limit (ppm)
B1	20	B2	20
G1	20	G2	20
Ochratoxin A	20		

