

**120121FSD8**

 Sample ID: SA-220126-6900  
 Batch: 120121FSD8  
 Type: Finished Products  
 Matrix: Oil / Liquid - MCT Oil  
 Unit Mass (g):

 Received: 02/23/2022  
 Completed: 03/03/2022

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

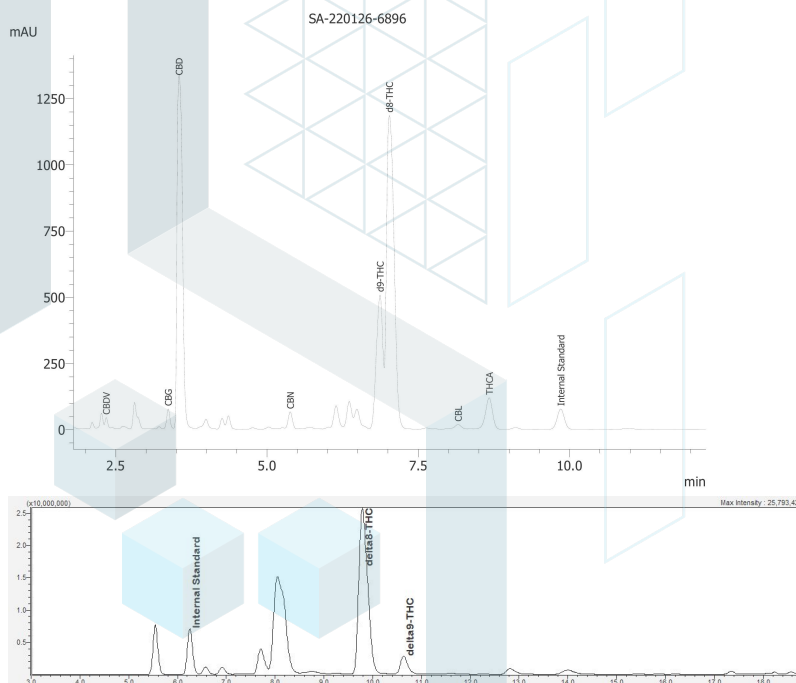
**Summary**

Test	Date Tested	Status
Cannabinoids	02/18/2022	Tested
Heavy Metals	02/28/2022	Tested
Microbials	03/02/2022	Tested
Mycotoxins	03/03/2022	Tested
Pesticides	03/03/2022	Tested
Residual Solvents	02/25/2022	Tested
Terpenes	03/03/2022	Tested

<b>0.813 mg/mL</b> Total Δ9-THC	<b>17.2 mg/mL</b> Total CBD	<b>36.2 mg/mL</b> Total Cannabinoids	<b>Not Tested</b> Moisture Content	<b>Not Tested</b> Foreign Matter	<b>Yes</b> Internal Standard Normalization
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**Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS**

Analyte	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (%)
CBC	0.00095	0.00284	0.436	0.0463
CBCA	0.00181	0.00543	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.00242	17.2	1.83
CBD A	0.00043	0.0013	ND	ND
CBDV	0.00061	0.00182	0.114	0.0121
CBDVA	0.00021	0.00063	ND	ND
CBG	0.00057	0.00172	0.273	0.0290
CBGA	0.00049	0.00147	ND	ND
CBL	0.00112	0.00335	0.0959	0.0102
CBLA	0.00124	0.00371	ND	ND
CBN	0.00056	0.00169	0.130	0.0138
CBNA	0.0006	0.00181	ND	ND
Δ8-THC	0.00104	0.00312	17.2	1.82
Δ9-THC	0.00076	0.00227	0.813	0.0864
Δ9-THCA	0.00084	0.00251	ND	ND
Δ9-THCV	0.00069	0.00206	ND	ND
Δ9-THCVA	0.00062	0.00186	ND	ND
<b>Total Δ9-THC</b>			<b>0.813</b>	<b>0.0864</b>
<b>Total CBD</b>			<b>17.2</b>	<b>1.83</b>
<b>Total</b>			<b>36.2</b>	<b>3.85</b>



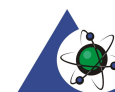
ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA \* 0.877 + Δ9-THC; Total CBD = CBDA \* 0.877 + CBD;



 Generated By: Ryan Bellone  
 Commercial Director  
 Date: 03/18/2022



 Tested By: Scott Caudill  
 Senior Scientist  
 Date: 02/18/2022

 ISO/IEC 17025:2017 Accredited  
 Accreditation #108651


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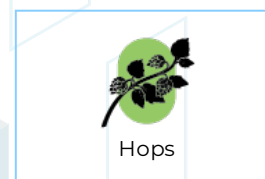
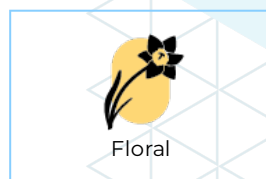
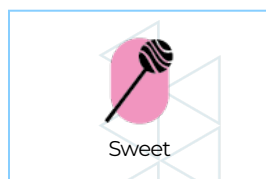
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**Terpenes by HS-GC-MS/MS**

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
$\alpha$ -Bisabolol	0.00001	0.00005	0.002388	Limonene	0.00001	0.00005	0.000174
(+)-Borneol	0.00001	0.00005	ND	Linalool	0.00001	0.00005	ND
Camphene	0.00001	0.00005	ND	$\beta$ -myrcene	0.00001	0.00005	ND
Camphor	0.00001	0.00005	ND	Nerol	0.00001	0.00005	ND
3-Carene	0.00001	0.00005	0.000111	cis-Nerolidol	0.00001	0.00005	ND
$\beta$ -Caryophyllene	0.00001	0.00005	0.00014	trans-Nerolidol	0.00001	0.00005	ND
Caryophyllene Oxide	0.00001	0.00005	0.001108	Ocimene	0.00001	0.00005	ND
$\alpha$ -Cedrene	0.00001	0.00005	ND	$\alpha$ -Phellandrene	0.00001	0.00005	<LOQ
Cedrol	0.00001	0.00005	ND	$\alpha$ -Pinene	0.00001	0.00005	0.000362
Eucalyptol	0.00001	0.00005	ND	$\beta$ -Pinene	0.00001	0.00005	ND
Fenchone	0.00001	0.00005	ND	Pulegone	0.00001	0.00005	ND
Fenchyl Alcohol	0.00001	0.00005	ND	Sabinene	0.00001	0.00005	0.000141
Geraniol	0.00001	0.00005	ND	Sabinene Hydrate	0.00001	0.00005	ND
Geranyl Acetate	0.00001	0.00005	ND	$\alpha$ -Terpinene	0.00001	0.00005	ND
Guaiol	0.00001	0.00005	0.000167	$\gamma$ -Terpinene	0.00001	0.00005	ND
Hexadhydrothymol	0.00001	0.00005	ND	$\alpha$ -Terpineol	0.00001	0.00005	ND
$\alpha$ -Humulene	0.00001	0.00005	0.000183	$\gamma$ -Terpineol	0.00001	0.00005	ND
Isoborneol	0.00001	0.00005	ND	Terpinolene	0.00001	0.00005	<LOQ
Isopulegol	0.00001	0.00005	ND	<b>Total Terpenes (%)</b>			<b>0.00485</b>

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit




 Generated By: Ryan Bellone  
 Commercial Director  
 Date: 03/18/2022



 Tested By: Scott Caudill  
 Senior Scientist  
 Date: 03/03/2022


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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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Generated By: Ryan Bellone  
 Commercial Director  
 Date: 03/18/2022



Tested By: Nicholas Howard  
 Scientist  
 Date: 02/28/2022



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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	Imazalil	30	100	ND
Acephate	30	100	ND	Imidacloprid	30	100	ND
Acequinocyl	30	100	ND	Malathion	30	100	ND
Acetamiprid	30	100	ND	Metalaxyl	30	100	ND
Aldicarb	30	100	ND	Methiocarb	30	100	ND
Azoxystrobin	30	100	ND	Methomyl	30	100	ND
Bifenazate	30	100	ND	Mevinphos	30	100	ND
Boscalid	30	100	ND	Naled	30	100	ND
Carbaryl	30	100	ND	Oxamyl	30	100	ND
Carbofuran	30	100	ND	Paclobutrazol	30	100	ND
Chloranthraniliprole	30	100	ND	Piperonyl Butoxide	30	100	ND
Daminozide	30	100	ND	Propiconazole	30	100	ND
Dichlorvos	30	100	ND	Propoxur	30	100	ND
Dimethoate	30	100	ND	Pyridaben	30	100	ND
Dimethomorph	30	100	ND	Spinetoram	30	100	ND
Etoxazole	30	100	ND	Spinosad	30	100	ND
Fenhexamid	30	100	ND	Spiromesifen	30	100	ND
Fenoxycarb	30	100	ND	Spirotetramat	30	100	ND
Fenpyroximate	30	100	ND	Spiroxamine	30	100	ND
Fipronil	30	100	ND	Tebuconazole	30	100	ND
Flonicamid	30	100	ND	Thiacloprid	30	100	ND
Fludioxonil	30	100	ND	Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



 Generated By: Ryan Bellone  
 Commercial Director  
 Date: 03/18/2022



 Tested By: Scott Caudill  
 Senior Scientist  
 Date: 03/03/2022


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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

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone  
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 Date: 03/18/2022



Tested By: Scott Caudill  
 Senior Scientist  
 Date: 03/03/2022



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**Microbials by PCR and Plating**

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Coliforms	1	ND	
Aerobic Bacteria	1	ND	
Salmonella			Not Detected per 1 gram
Total Enterobacteriaceae			Not Detected per 1 gram

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone  
 Commercial Director  
 Date: 03/18/2022



Tested By: Alex Morris  
 Quality Assurance Manager  
 Date: 03/02/2022





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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 Glycol	21	62	ND
Acetonitrile	14	41	ND	Ethylene Oxide	0.5	1	ND
Benzene	0.5	1	ND	Heptane	167	500	ND
Butane	167	500	ND	n-Hexane	10	29	ND
1-Butanol	167	500	ND	Isobutane	167	500	ND
2-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanone	167	500	ND	Isopropyl Alcohol	167	500	ND
Chloroform	2	6	ND	Isopropylbenzene	167	500	ND
Cyclohexane	129	388	ND	Methanol	100	300	ND
1,2-Dichloroethane	0.5	1	ND	2-Methylbutane	10	29	ND
1,2-Dimethoxyethane	4	10	ND	Methylene Chloride	20	60	ND
Dimethyl Sulfoxide	167	500	ND	2-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	3-Methylpentane	10	29	ND
2,2-Dimethylbutane	10	29	ND	n-Pentane	167	500	ND
2,3-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

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Generated By: Ryan Bellone  
 Commercial Director  
 Date: 03/18/2022



Tested By: Scott Caudill  
 Senior Scientist  
 Date: 02/25/2022



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## Reporting Limit Appendix

### Heavy Metals - Colorado CDPHE

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Arsenic	1500	Lead	500
Cadmium	500	Mercury	1500

### Microbials - Colorado CDPHE

Analyte	Limit (CFU/g)	Analyte	Limit (CFU/g)
Coliforms	100	Aerobic Bacteria	10000

### Residual Solvents - USP 467

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Acetone	5000	Ethylene Glycol	620
Acetonitrile	410	Ethylene Oxide	1
Benzene	2	Heptane	5000
Butane	5000	n-Hexane	290
1-Butanol	5000	Isobutane	5000
2-Butanol	5000	Isopropyl Acetate	5000
2-Butanone	5000	Isopropyl Alcohol	5000
Chloroform	60	Isopropylbenzene	5000
Cyclohexane	3880	Methanol	3000
1,2-Dichloroethane	5	2-Methylbutane	290
1,2-Dimethoxyethane	100	Methylene Chloride	600
Dimethyl Sulfoxide	5000	2-Methylpentane	290
N,N-Dimethylacetamide	1090	3-Methylpentane	290
2,2-Dimethylbutane	290	n-Pentane	5000
2,3-Dimethylbutane	290	1-Pentanol	5000
N,N-Dimethylformamide	880	n-Propane	5000
2,2-Dimethylpropane	5000	1-Propanol	5000
1,4-Dioxane	380	Pyridine	200
Ethanol	5000	Tetrahydrofuran	720
2-Ethoxyethanol	160	Toluene	890
Ethyl Acetate	5000	Trichloroethylene	80
Ethyl Ether	5000	Tetramethylene Sulfone	160
Ethylbenzene	70	Xylenes (o-, m-, and p-)	2170

### Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Acequinocyl	4000	Malathion	5000
Acetamiprid	5000	Metalaxyl	15000
Aldicarb	30	Methiocarb	30
Azoxystrobin	40000	Methomyl	100
Bifenazate	5000	Mevinphos	30
Boscalid	10000	Naled	500
Carbaryl	500	Oxamyl	200
Carbofuran	30	Paclobutrazol	30
Chloranthraniliprole	40000	Piperonyl Butoxide	8000
Daminozide	30	Propiconazole	20000
Dichlorvos	30	Propoxur	30
Dimethoate	30	Pyridaben	3000
Dimethomorph	20000	Spinetoram	3000
Etoxazole	1500	Spinosad	3000
Fenhexamid	10000	Spiromesifen	12000
Fenoxycarb	30	Spirotetramat	13000
Fenpyroximate	2000	Spiroxamine	30
Fipronil	30	Tebuconazole	2000
Flonicamid	2000	Thiacloprid	30
Fludioxonil	30000	Thiamethoxam	4500

### Mycotoxins - Colorado CDPHE

Analyte	Limit (ppm)	Analyte	Limit (ppm)
B1	5	B2	5
G1	5	G2	5
Ochratoxin A	5		

### Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Abamectin	300	Imazalil	30
Acephate	5000	Imidacloprid	3000

