

## 110121cbgn

Sample ID: SA-10212021-4959  
 Batch: 110121cbgn  
 Type: Finished Products  
 Matrix: Edible - Gummy

Received: 10/22/2021  
 Completed: 11/16/2021

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



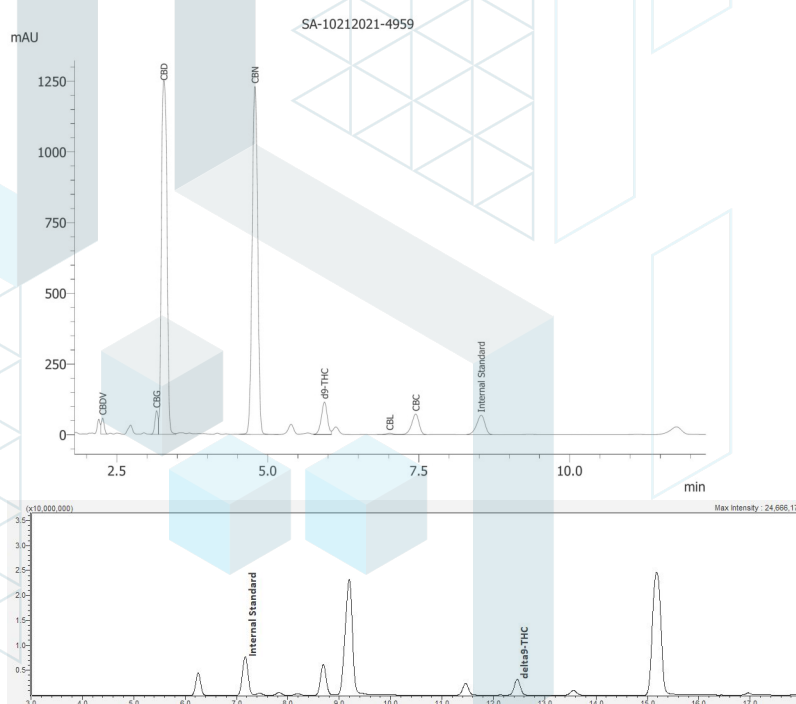
## Summary

Test	Date Tested	Status
Cannabinoids	11/03/2021	Tested
Heavy Metals	11/15/2021	Tested
Microbials	11/14/2021	Tested
Mycotoxins	11/16/2021	Tested
Pesticides	11/16/2021	Tested
Residual Solvents	11/15/2021	Tested
Terpenes	11/15/2021	Tested

## Cannabinoids by HPLC-PDA and GC-MS/MS

<b>0.0341 %</b>	<b>0.448 %</b>	<b>0.650 %</b>	<b>Not Tested</b>	<b>Not Tested</b>	<b>Yes</b>
Total Δ9-THC	CBD	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Marker Recovered

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/unit)
CBC	0.00009	0.00028	0.0125	0.516
CBCA	0.00018	0.00054	ND	ND
CBCV	0.00006	0.00018	ND	ND
CBD	0.00008	0.00024	0.448	18.4
CBDA	0.00004	0.00013	ND	ND
CBDV	0.00006	0.00018	0.00434	0.178
CBDVA	0.00002	0.00006	ND	ND
CBG	0.00006	0.00017	0.00756	0.311
CBGA	0.00005	0.00015	ND	ND
CBL	0.00011	0.00033	0.0009	0.037
CBLA	0.00012	0.00037	ND	ND
CBN	0.00006	0.00017	0.142	5.83
CBNA	0.00006	0.00018	ND	ND
Δ8-THC	0.0001	0.00031	ND	ND
Δ9-THC	0.00008	0.00023	0.0341	1.40
Δ9-THCA	0.00008	0.00025	ND	ND
Δ9-THCV	0.00007	0.00021	ND	ND
Δ9-THCVA	0.00006	0.00019	ND	ND
<b>Total Δ9-THC</b>			<b>0.0341</b>	<b>1.40</b>
<b>Total CBD</b>			<b>0.448</b>	<b>18.4</b>
<b>Total</b>			<b>0.650</b>	<b>26.7</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;



11/16/2021





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## Certificate of Analysis

2 of 7

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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	Paclobutrazol	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
Cypermethrin	30	100	ND	Prallethrin	30	100	ND
Daminozide	30	100	ND	Propiconazole	30	100	ND
Diazinon	30	100	ND	Propoxur	30	100	ND
Dichlorvos	30	100	ND	Pyrethrins	30	100	ND
Dimethoate	30	100	ND	Pyridaben	30	100	ND
Dimethomorph	30	100	ND	Spinetoram	30	100	ND
Ethoprophos	30	100	ND	Spinosad	30	100	ND
Etofenprox	30	100	ND	Spiromesifen	30	100	ND
Etoxazole	30	100	ND	Spirotetramat	30	100	ND
Fenhexamid	30	100	ND	Spiroxamine	30	100	ND
Fenoxycarb	30	100	ND	Tebuconazole	30	100	ND
Fenpyroximate	30	100	ND	Thiacloprid	30	100	ND
Fipronil	30	100	ND	Thiamethoxam	30	100	ND
Flonicamid	30	100	ND	Trifloxystrobin	30	100	ND

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### Microbials by qPCR and/or 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

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

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
$\alpha$ -Bisabolol	0.00001	0.00005	0.000493	Limonene	0.00001	0.00001	ND
(+)-Borneol	0.00001	0.00005	ND	Linalool	0.00001	0.00001	ND
Camphene	0.00001	0.00005	ND	$\beta$ -myrcene	0.00001	0.00001	ND
Camphor	0.00001	0.00005	ND	Nerol	0.00001	0.00001	ND
3-Carene	0.00001	0.00005	ND	cis-Nerolidol	0.00001	0.00001	ND
$\beta$ -Caryophyllene	0.00001	0.00005	0.00017	trans-Nerolidol	0.00001	0.00001	ND
Caryophyllene Oxide	0.00001	0.00005	ND	Ocimene	0.00001	0.00001	ND
$\alpha$ -Cedrene	0.00001	0.00005	ND	$\alpha$ -Phellandrene	0.00001	0.00001	ND
Cedrol	0.00001	0.00005	ND	$\alpha$ -Pinene	0.00001	0.00001	ND
Eucalyptol	0.00001	0.00005	ND	$\beta$ -Pinene	0.00001	0.00001	ND
Fenchone	0.00001	0.00005	ND	Pulegone	0.00001	0.00001	ND
Fenchyl Alcohol	0.00001	0.00005	ND	Sabinene	0.00001	0.00001	ND
Geraniol	0.00001	0.00005	ND	Sabinene Hydrate	0.00001	0.00001	ND
Geranyl Acetate	0.00001	0.00005	ND	$\alpha$ -Terpinene	0.00001	0.00001	ND
Guaiol	0.00001	0.00005	ND	$\gamma$ -Terpinene	0.00001	0.00001	ND
Hexadhydrothymol	0.00001	0.00005	ND	$\alpha$ -Terpineol	0.00001	0.00001	ND
$\alpha$ -Humulene	0.00001	0.00005	0.000105	$\gamma$ -Terpineol	0.00001	0.00001	ND
Isoborneol	0.00001	0.00005	ND	Terpinolene	0.00001	0.00001	ND
Isopulegol	0.00001	0.00005	ND	<b>Total Terpenes (%)</b>			<b>0.000768</b>

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