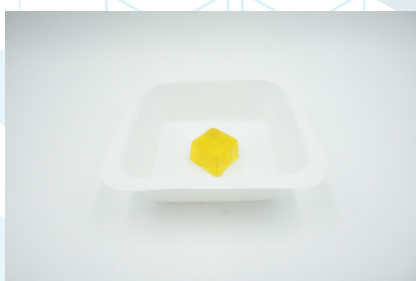


101521FD8G

 Sample ID: SA-09242021-4355
 Batch: 101521FD8G
 Type: Finished Products
 Matrix: Edible - Gummy

 Received: 09/29/2021
 Completed: 10/11/2021

Client

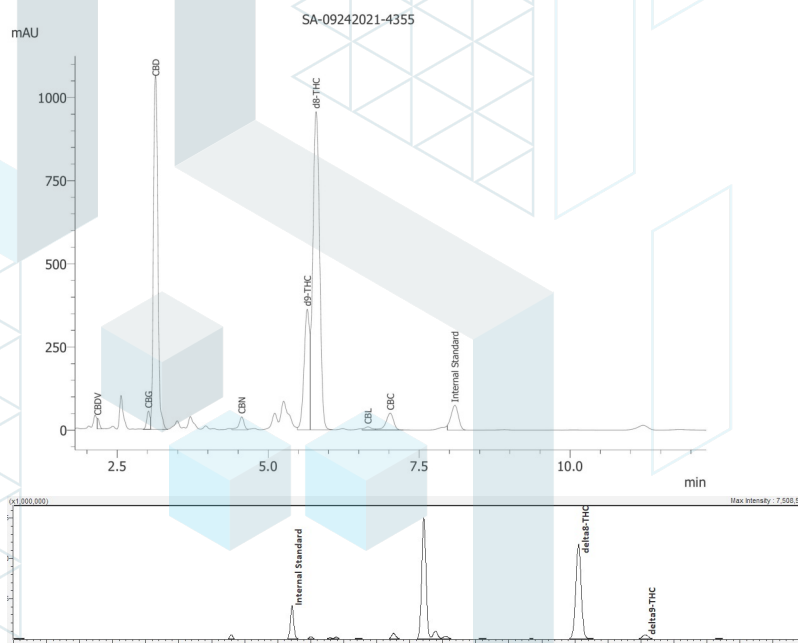
 SunFlora Inc.
 600 8th Ave W, STE 400
 Palmetto, FL 34221
 USA

Summary

Test	Date Tested	Status
Cannabinoids	10/06/2021	Tested
Heavy Metals	10/11/2021	Pass
Microbials	10/07/2021	Pass
Mycotoxins	10/06/2021	Pass
Pesticides	10/04/2021	Pass
Residual Solvents	10/11/2021	Pass
Terpenes	10/06/2021	Tested

Cannabinoids by HPLC-PDA and GC-MS/MS

0.0219 %	0.294 %	0.525 %	Not Tested	Not Tested	Yes
Total Δ9-THC	Δ8-THC	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Marker Recovered

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/unit)
CBC	0.00009	0.00028	0.00826	0.363
CBCA	0.00018	0.00054	ND	ND
CBCV	0.00006	0.00018	ND	ND
CBD	0.00008	0.00024	0.189	8.32
CBDA	0.00004	0.00013	ND	ND
CBDV	0.00006	0.00018	0.00164	0.072
CBDVA	0.00002	0.00006	ND	ND
CBG	0.00006	0.00017	0.00488	0.214
CBGA	0.00005	0.00015	ND	ND
CBL	0.00011	0.00033	0.00153	0.0672
CBLA	0.00012	0.00037	ND	ND
CBN	0.00006	0.00017	0.00298	0.131
CBNA	0.00006	0.00018	ND	ND
Δ8-THC	0.0001	0.00031	0.294	12.9
Δ9-THC	0.00008	0.00023	0.0219	0.964
Δ9-THCA	0.00008	0.00025	ND	ND
Δ9-THCV	0.00007	0.00021	ND	ND
Δ9-THCVA	0.00006	0.00019	ND	ND
Total Δ9-THC			0.0219	0.964
Total CBD			0.189	8.32
Total			0.525	23.1



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;



10/11/2021

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101521FD8GSample ID: SA-09242021-4355
Batch: 101521FD8G
Type: Finished Products
Matrix: Edible - GummyReceived: 09/29/2021
Completed: 10/11/2021**Client**SunFlora Inc.
600 8th Ave W, STE 400
Palmetto, FL 34221
USA**Heavy Metals by ICP-MS**

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

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

10/11/2021

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101521FD8G

 Sample ID: SA-09242021-4355
 Batch: 101521FD8G
 Type: Finished Products
 Matrix: Edible - Gummy

 Received: 09/29/2021
 Completed: 10/11/2021

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

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

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

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



10/11/2021





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101521FD8G

Sample ID: SA-09242021-4355
Batch: 101521FD8G
Type: Finished Products
Matrix: Edible - Gummy

Received: 09/29/2021
Completed: 10/11/2021

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

Microbials by qPCR and/or Plating

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

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

10/11/2021

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101521FD8G

Sample ID: SA-09242021-4355
Batch: 101521FD8G
Type: Finished Products
Matrix: Edible - Gummy

Received: 09/29/2021
Completed: 10/11/2021

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

Mycotoxins by LC-MS/MS

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

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

10/11/2021

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101521FD8G

Sample ID: SA-09242021-4355
Batch: 101521FD8G
Type: Finished Products
Matrix: Edible - Gummy

Received: 09/29/2021
Completed: 10/11/2021

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

Residual Solvents by HS-GC-MS/MS

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

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10/11/2021



101521FD8G

 Sample ID: SA-09242021-4355
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Client
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 USA

Terpenes by HS-GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α -Bisabolol	0.00001	0.00005	0.000316	Limonene	0.00001	0.00001	0.000432
(+)-Borneol	0.00001	0.00005	ND	Linalool	0.00001	0.00001	0.000078
Camphene	0.00001	0.00005	<LOQ	β -myrcene	0.00001	0.00001	0.000194
Camphor	0.00001	0.00005	ND	Nerol	0.00001	0.00001	ND
3-Carene	0.00001	0.00005	0.000234	cis-Nerolidol	0.00001	0.00001	ND
β -Caryophyllene	0.00001	0.00005	0.00287	trans-Nerolidol	0.00001	0.00001	ND
Caryophyllene Oxide	0.00001	0.00005	ND	Ocimene	0.00001	0.00001	ND
α -Cedrene	0.00001	0.00005	ND	α -Phellandrene	0.00001	0.00001	0.000068
Cedrol	0.00001	0.00005	ND	α -Pinene	0.00001	0.00001	0.0008
Eucalyptol	0.00001	0.00005	ND	β -Pinene	0.00001	0.00001	0.000212
Fenchone	0.00001	0.00005	ND	Pulegone	0.00001	0.00001	ND
Fenchyl Alcohol	0.00001	0.00005	ND	Sabinene	0.00001	0.00001	0.000255
Geraniol	0.00001	0.00005	ND	Sabinene Hydrate	0.00001	0.00001	ND
Geranyl Acetate	0.00001	0.00005	ND	α -Terpinene	0.00001	0.00001	0.000073
Guaiol	0.00001	0.00005	0.000128	γ -Terpinene	0.00001	0.00001	0.000096
Hexadhydrothymol	0.00001	0.00005	ND	α -Terpineol	0.00001	0.00001	0.000051
α -Humulene	0.00001	0.00005	0.000386	γ -Terpineol	0.00001	0.00001	ND
Isoborneol	0.00001	0.00005	ND	Terpinolene	0.00001	0.00001	0.000077
Isopulegol	0.00001	0.00005	ND	Total Terpenes (%)			0.00631

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Pepper



Hops



Clove



Pine



Rosemary



10/11/2021



101521FD8G

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 Palmetto, FL 34221
 USA

Reporting Limit Appendix

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

Residual Solvents - USP 467

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Acetone	5000	Ethylene Oxide	1
Acetonitrile	410	Heptane	5000
Benzene	2	n-Hexane	290
Butane	5000	Isobutane	5000
1-Butanol	5000	Isopropyl Acetate	5000
2-Butanol	5000	Isopropyl Alcohol	5000
2-Butanone	5000	Isopropylbenzene	5000
Chloroform	60	Methanol	3000
Cyclohexane	3880	2-Methylbutane	5000
1,2-Dichloroethane	5	Methylene Chloride	600
1,2-Dimethoxyethane	100	2-Methylpentane	290
Dimethyl Sulfoxide	5000	3-Methylpentane	290
N,N-Dimethylacetamide	1090	n-Pentane	5000
2,2-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
Ethylene Glycol	620		

Pesticides - CA BCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Bifenazate	5000	Kresoxim methyl	1000
Bifenthrin	500	Malathion	5000
Boscalid	10000	Metaxyl	15000
Carbaryl	500	Methiocarb	30
Carbofuran	30	Methomyl	100
Chloranthraniliprole	40000	Mevinphos	30
Chlorfenapyr	30	Myclobutanil	9000
Chlorpyrifos	30	Naled	500
Clofentezine	500	Oxamyl	200
Coumaphos	30	Paclobutrazol	30
Daminozide	30	Permethrin	20000
Diazinon	200	Phosmet	200
Dimethoate	30	Piperonyl Butoxide	8000
Dimethomorph	20000	Prallethrin	400
Ethoprophos	30	Propiconazole	20000
Etofenprox	30	Propoxur	30
Etoxazole	1500	Pyrethrins	1000
Fenhexamid	10000	Pyridaben	3000
Fenoxycarb	30	Spinetoram	3000
Fenpyroximate	2000	Spinosad	3000
Flonicamid	2000	Spiromesifen	12000

Mycotoxins -

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

Pesticides - CA BCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Acetamiprid	5000	Hexythiazox	2000
Aldicarb	30	Imazalil	30
Azinphosmethyl	40000	Imidacloprid	3000

