

D8 50/50 Mixed Fruits Pectin Gummies

Sample ID: SA-220307-7630
 Batch: 040122FD8G
 Type: Finished Products
 Matrix: Edible - Gummy
 Unit Mass (g): 4.80897

Received: 03/07/2022
 Completed: 03/29/2022

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



Summary

Test	Date Tested	Status
Cannabinoids	03/18/2022	Tested
Foreign Matter	03/22/2022	Tested
Heavy Metals	03/23/2022	Tested
Microbials	03/28/2022	Tested
Mycotoxins	03/25/2022	Tested
Pesticides	03/25/2022	Tested
Residual Solvents	03/25/2022	Tested
Terpenes	03/29/2022	Tested

0.0186 % Total Δ9-THC	0.301 % Δ8-THC	0.627 % Total Cannabinoids	Not Tested Moisture Content	Not Detected Foreign Matter	Yes Internal Standard Normalization
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Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/unit)
CBC	0.00009	0.00028	0.00788	0.379
CBCA	0.00018	0.00054	ND	ND
CBCV	0.00006	0.00018	ND	ND
CBD	0.00008	0.00024	0.287	13.8
CBDA	0.00004	0.00013	ND	ND
CBDV	0.00006	0.00018	0.00148	0.0712
CBDAV	0.00002	0.00006	ND	ND
CBG	0.00006	0.00017	0.0103	0.496
CBGA	0.00005	0.00015	ND	ND
CBL	0.00011	0.00033	0.000440	0.0212
CBLA	0.00012	0.00037	ND	ND
CBN	0.00006	0.00017	ND	ND
CBNA	0.00006	0.00018	ND	ND
Δ8-THC	0.0001	0.00031	0.301	14.5
Δ9-THC	0.00008	0.00023	0.0186	0.895
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			0.0186	0.895
Total CBD			0.287	13.8
Total			0.627	30.2

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: 05/23/2022



Tested By: Scott Caudill
 Senior Scientist
 Date: 03/18/2022



ISO/IEC 17025:2017 Accredited
 Accreditation #108651



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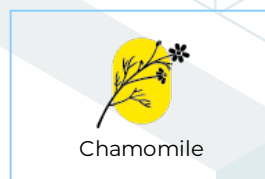
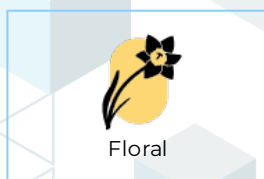
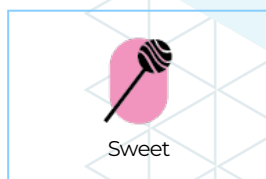
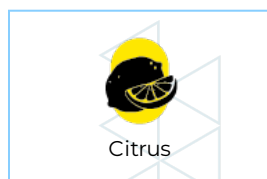
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Terpenes by HS-GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α -Bisabolol	0.00100	0.00500	<LOQ	Limonene	0.001	0.005	<LOQ
(+)-Borneol	0.00100	0.00500	ND	Linalool	0.001	0.005	ND
Camphene	0.00100	0.00500	ND	β -myrcene	0.001	0.005	ND
Camphor	0.00100	0.00500	ND	Nerol	0.001	0.005	ND
3-Carene	0.00100	0.00500	ND	cis-Nerolidol	0.001	0.005	ND
β -Caryophyllene	0.00100	0.00500	ND	trans-Nerolidol	0.001	0.005	ND
Caryophyllene Oxide	0.00100	0.00500	ND	Ocimene	0.001	0.005	ND
α -Cedrene	0.00100	0.00500	ND	α -Phellandrene	0.001	0.005	ND
Cedrol	0.00100	0.00500	ND	α -Pinene	0.001	0.005	ND
Eucalyptol	0.00100	0.00500	ND	β -Pinene	0.001	0.005	ND
Fenchone	0.00100	0.00500	ND	Pulegone	0.001	0.005	ND
Fenchyl Alcohol	0.00100	0.00500	ND	Sabinene	0.001	0.005	ND
Geraniol	0.00100	0.00500	ND	Sabinene Hydrate	0.001	0.005	ND
Geranyl Acetate	0.00100	0.00500	ND	α -Terpinene	0.001	0.005	ND
Guaiol	0.00100	0.00500	ND	γ -Terpinene	0.001	0.005	ND
Hexadhydrothymol	0.00100	0.00500	ND	α -Terpineol	0.001	0.005	ND
α -Humulene	0.00100	0.00500	ND	γ -Terpineol	0.001	0.005	ND
Isoborneol	0.00100	0.00500	ND	Terpinolene	0.001	0.005	ND
Isopulegol	0.00100	0.00500	ND	Total Terpenes (%)			0.00714

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 Commercial Director
 Date: 05/23/2022



Tested By: Scott Caudill
 Senior Scientist
 Date: 03/29/2022



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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: 05/23/2022



Tested By: Nicholas Howard
 Scientist
 Date: 03/23/2022



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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)
Acephate	30	100	ND	Hexythiazox	30	100	ND
Acetamiprid	30	100	ND	Imazalil	30	100	ND
Aldicarb	30	100	ND	Imidacloprid	30	100	ND
Bifenazate	30	100	ND	Kresoxim methyl	30	100	ND
Boscalid	30	100	ND	Malathion	30	100	ND
Carbaryl	30	100	ND	Metaxyl	30	100	ND
Carbofuran	30	100	ND	Methiocarb	30	100	ND
Chloranthraniliprole	30	100	ND	Methomyl	30	100	ND
Chlorfenapyr	30	100	ND	Mevinphos	30	100	ND
Chlorpyrifos	30	100	ND	Myclobutanil	30	100	ND
Clofentezine	30	100	ND	Naled	30	100	ND
Coumaphos	30	100	ND	Oxamyl	30	100	ND
Daminozide	30	100	ND	Paclobutrazol	30	100	ND
Diazinon	30	100	ND	Permethrin	30	100	ND
Dichlorvos	30	100	ND	Phosmet	30	100	ND
Dimethoate	30	100	ND	Piperonyl Butoxide	30	100	ND
Dimethomorph	30	100	ND	Propoxur	30	100	ND
Ethoprophos	30	100	ND	Pyrethrins	30	100	ND
Etoxazole	30	100	ND	Pyridaben	30	100	ND
Fenhexamid	30	100	ND	Spinetoram	30	100	ND
Fenoxycarb	30	100	ND	Spinosad	30	100	ND
Fenpyroximate	30	100	ND	Spiromesifen	30	100	ND
Fipronil	30	100	ND	Spirotetramat	30	100	ND
Fludioxonil	30	100	ND	Spiroxamine	30	100	ND
				Tebuconazole	30	100	ND
				Thiacloprid	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: 05/23/2022



Tested By: Jared Burkhart
 Technical Manager
 Date: 03/25/2022



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Client
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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
 Commercial Director
 Date: 05/23/2022



Tested By: Jared Burkhart
 Technical Manager
 Date: 03/25/2022



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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: 05/23/2022



Tested By: Alex Morris
 Quality Assurance Manager
 Date: 03/28/2022



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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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Tested By: Scott Caudill
 Senior Scientist
 Date: 03/25/2022



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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)
Aldicarb	30	Imidacloprid	3000
Bifenazate	5000	Kresoxim methyl	1000
Boscalid	10000	Malathion	5000
Carbaryl	500	Metaxyl	15000
Carbofuran	30	Methiocarb	30
Chloranthraniliprole	40000	Methomyl	100
Chlorfenapyr	30	Mevinphos	30
Chlorpyrifos	30	Myclobutanil	9000
Clofentezine	500	Naled	500
Coumaphos	30	Oxamyl	200
Daminozide	30	Pacllobutrazol	30
Diazinon	200	Permethrin	20000
Dichlorvos	30	Phosmet	200
Dimethoate	30	Piperonyl Butoxide	8000
Dimethomorph	20000	Propoxur	30
Ethoprophos	30	Pyrethrins	1000
Etoxazole	1500	Pyridaben	3000
Fenhexamid	10000	Spinetoram	3000
Fenoxycarb	30	Spinosad	3000
Fenpyroximate	2000	Spiromesifen	12000
Fipronil	30	Spirotetramat	13000
Fludioxonil	30000	Spiroxamine	30

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)
Acephate	5000	Hexythiazox	2000
Acetamiprid	5000	Imazalil	30

