

102021IND9G

Sample ID: SA-10212021-4960
Batch: 103121d8g white
Type: In-Process Materials
Matrix: Edible - Gummy

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

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



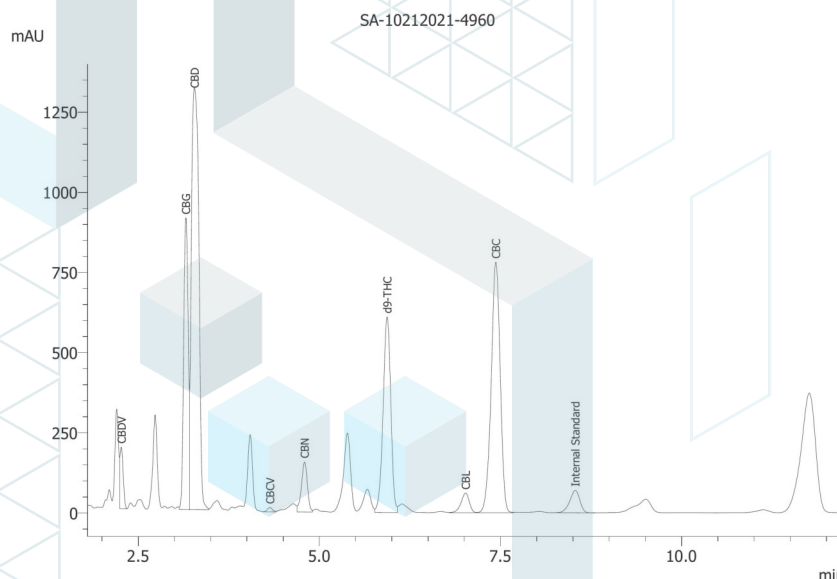
Summary

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

0.112 %	0.646 %	1.05 %	Not Tested	Not Tested	Yes
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	0.132	5.90
CBCA	0.00018	0.00054	ND	ND
CBCV	0.00006	0.00018	0.00115	0.0515
CBD	0.00008	0.00024	0.646	28.9
CBDA	0.00004	0.00013	ND	ND
CBDV	0.00006	0.00018	0.0121	0.542
CBDVA	0.00002	0.00006	ND	ND
CBG	0.00006	0.00017	0.125	5.62
CBGA	0.00005	0.00015	ND	ND
CBL	0.00011	0.00033	0.00962	0.431
CBLA	0.00012	0.00037	ND	ND
CBN	0.00006	0.00017	0.0114	0.512
CBNA	0.00006	0.00018	ND	ND
Δ8-THC	0.0001	0.00031	ND	ND
Δ9-THC	0.00008	0.00023	0.112	5.03
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			0.112	5.03
Total CBD			0.646	28.9
Total			1.05	47.0



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

This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.



ISO/IEC 17025:2017 Accredited
Accreditation #108651





KCA Laboratories
232 North Plaza Drive
Nicholasville, KY 40356

+1-833-KCA-LABS
<https://kcalabs.com>
KDA Lic.# P_0058

Certificate of Analysis

2 of 7

102021IND9G

Sample ID: SA-10212021-4960
Batch: 103121d8g white
Type: In-Process Materials
Matrix: Edible - Gummy

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

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)
Arsenic	2	20	ND
Cadmium	1	20	ND
Lead	2	20	ND
Mercury	12	50	ND

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

11/16/2021



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.

102021IND9G

Sample ID: SA-10212021-4960
Batch: 103121d8g white
Type: In-Process Materials
Matrix: Edible - Gummy

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

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



11/16/2021





KCA Laboratories
232 North Plaza Drive
Nicholasville, KY 40356

+1-833-KCA-LABS
<https://kcalabs.com>
KDA Lic.# P_0058

Certificate of Analysis

4 of 7

102021IND9G

Sample ID: SA-10212021-4960
Batch: 103121d8g white
Type: In-Process Materials
Matrix: Edible - Gummy

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

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)
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

11/16/2021



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.



KCA Laboratories
232 North Plaza Drive
Nicholasville, KY 40356

+1-833-KCA-LABS
<https://kcalabs.com>
KDA Lic.# P_0058

Certificate of Analysis

5 of 7

102021IND9G

Sample ID: SA-10212021-4960
Batch: 103121d8g white
Type: In-Process Materials
Matrix: Edible - Gummy

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

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

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

11/16/2021



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.

102021IND9G

 Sample ID: SA-10212021-4960
 Batch: 103121d8g white
 Type: In-Process Materials
 Matrix: Edible - Gummy

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

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

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				

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



11/16/2021



102021IND9G

Sample ID: SA-10212021-4960
Batch: 103121d8g white
Type: In-Process Materials
Matrix: Edible - Gummy

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

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

Terpenes by HS-GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α -Bisabolol	0.00001	0.00005	0.001192	Limonene	0.00001	0.00001	0.000473
(+)-Borneol	0.00001	0.00005	ND	Linalool	0.00001	0.00001	0.002202
Camphene	0.00001	0.00005	ND	β -myrcene	0.00001	0.00001	0.000987
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
β -Caryophyllene	0.00001	0.00005	0.001854	trans-Nerolidol	0.00001	0.00001	ND
Caryophyllene Oxide	0.00001	0.00005	0.000302	Ocimene	0.00001	0.00001	<LOQ
α -Cedrene	0.00001	0.00005	ND	α -Phellandrene	0.00001	0.00001	ND
Cedrol	0.00001	0.00005	ND	α -Pinene	0.00001	0.00001	0.000241
Eucalyptol	0.00001	0.00005	ND	β -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	α -Terpinene	0.00001	0.00001	ND
Guaiol	0.00001	0.00005	0.000358	γ -Terpinene	0.00001	0.00001	ND
Hexadhydrothymol	0.00001	0.00005	ND	α -Terpineol	0.00001	0.00001	0.000058
α -Humulene	0.00001	0.00005	0.00011	γ -Terpineol	0.00001	0.00001	ND
Isoborneol	0.00001	0.00005	ND	Terpinolene	0.00001	0.00001	<LOQ
Isopulegol	0.00001	0.00005	ND	Total Terpenes (%)			0.00786

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



Floral



Spice



Lavender



Pepper



Hops

11/16/2021

