



SunFlora Inc.
Order #: 80317
Retail Batch #: 14g
CBG/CBD Mix Raw
Hemp
062023RHMx

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

Order Information

Order #: 80317
Order Name: 14g CBG/CBD Mix Raw Hemp
062023RHMx
Retail Batch #: 14g CBG/CBD Mix Raw Hemp
062023RHMx
Received: 06/12/2023 14:23:34
Complete: 06/29/2023 14:00:07

Batch Information

Create Date:
Exp. Date:
Size: 0

Total Qty.: 0
Matrix: Flower
Pickup Weight: N/A

CANNABINOID PROFILE

TESTED

LABEL CLAIM

NOT APPLICABLE

MICROBIAL ANALYSIS

PASS

RESIDUAL SOLVENTS

NOT TESTED

AGRICULTURAL AGENTS

PASS

HEAVY METAL ANALYSIS

PASS

TERPENES TOTAL

TESTED

MOISTURE ANALYSIS

TESTED

WATER ACTIVITY

TESTED

FILTH & FOREIGN MATERIAL
ANALYSIS

PASS

HOMOGENEITY

NOT TESTED

MYCOTOXIN ANALYSIS

PASS



0.2016 %

Total THC

4.5744 %

Total CBD

12.4968 %

Total Cannabinoids

Diana Asensio, M.S.

Lab Director

Florida

4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





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Sample Prep

Tech: 4245
SOP: 418
Batch Number: 60174
Batch Date: 06/12/2023 16:55:31

Sample Analysis

Date/Time: 06/14/2023 09:13:12
Tech: 1012
SOP: 417
Final Weight: 0.1057 g
Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

0.2016 %
Total THC

28.224 mg
THC Per Unit

28.224 mg
THC Per Pkg

4.5744 %
Total CBD

640.416 mg
CBD Per Unit

640.416 mg
CBD Per Pkg

12.4968 %
Total Cannabinoids

1749.552 mg
Cannabinoids Per Unit

1749.552 mg
Cannabinoids Per Pkg

Cannabinoid Potency

ANALYTE	LOD/LOQ (mg/g)	DIL.	ACTUAL %	DRY WT. %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBC	0.129/0.3908	1	0.182	0.206	1.819	25.466	25.466	--	--
CBD	0.129/0.3908	1	1.408	1.594	14.081	197.134	197.134	--	--
CBDA	0.129/0.3908	1	3.610	4.088	36.104	505.456	505.456	--	--
CBDV	0.129/0.3908	1	ND	ND	ND	ND	ND	--	--
CBG	0.129/0.3908	1	0.243	0.275	2.433	34.062	34.062	--	--
CBGA	0.129/0.3908	1	6.797	7.696	67.966	951.524	951.524	--	--
CBN	0.129/0.3908	1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	--	--
d8-THC	0.129/0.3908	1	ND	ND	ND	ND	ND	--	--
d9-THC	0.129/0.3908	1	0.151	0.171	1.506	21.084	21.084	--	--
THCA	0.129/0.3908	1	0.058	0.066	0.581	8.134	8.134	--	--
THCV	0.129/0.3908	1	ND	ND	ND	ND	ND	--	--

Additional Cannabinoids

ANALYTE	LOD/LOQ (mg/g)	DIL.	ACTUAL %	DRY WT. %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBDVA	0.129/0.3908	1	<LOQ	<LOQ	<LOQ	<LOQ	<LOQ	--	--
CBL	0.129/0.3908	1	ND	ND	ND	ND	ND	--	--
CBT	0.129/0.3908	1	0.048	0.054	0.478	6.692	6.692	--	--
d10-THC	0.129/0.3908	1	ND	ND	ND	ND	ND	--	--
d9-THCP	0.129/0.3908	1	ND	ND	ND	ND	ND	--	--
exo-THC	0.129/0.3908	1	ND	ND	ND	ND	ND	--	--

mg/unit = 14 (g) per unit x cannabinoid concentration (mg/g)
Dry Weight % = Wet % / ((100 - Moisture Value) / 100)
Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)
ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation

CANNABINOID TOTALS	ACTUAL %	DRY WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE
Total THC	0.202	0.228	2.016	28.224	28.224
Total CBD	4.574	5.180	45.744	640.416	640.416
Total Cannabinoids	12.497	14.151	124.968	1749.552	1749.552

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Agricultural Agents

GC-MS/MS

PASS

Sample Prep

Tech: 3393
SOP: 402
Batch Number: 60193
Batch Date: 06/13/2023 16:30:47

Sample Analysis

Date/Time: 06/15/2023 10:21:15
Tech: 3445
SOP: 402
Final Weight: 0.5016 g
Volume: 10 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL (ppm)	RESULTS (ppm)
Captan	0.07/0.1	1	0.7	ND
Chlordane	0.01/0.1	1	0.1	ND
Chlorfenapyr	0.01/0.1	1	0.1	ND
Coumaphos	0.01/0.1	1	0.1	ND
Cyfluthrin	0.01/0.1	1	0.5	ND
Cypermethrin	0.01/0.1	1	0.5	ND
Methyl parathion	0.01/0.1	1	0.1	ND
Pentachloronitrobenzene	0.01/0.1	1	0.15	ND

MYCOTOXIN ANALYSIS

LC-MS/MS

PASS

Sample Prep

Tech: 3393
SOP: 432
Batch Number: 60208
Batch Date: 06/14/2023 16:02:29

Sample Analysis

Date/Time: 06/19/2023 19:48:03
Tech: 1012
SOP: 424
Final Weight: 0.1046 g
Volume: 2.5 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LEVEL (ppb)	RESULTS (ppb)
Aflatoxin B1	2/0	1	20	ND
Aflatoxin B2	2/0	1	20	ND
Aflatoxin G1	2/0	1	20	ND
Aflatoxin G2	2/5	1	20	ND
Ochratoxin A	2/0	1	20	ND

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Tech: 1012
SOP: 424
Final Weight: 0.1046 g
Volume: 2.5 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL(ppm)	RESULTS (ppm)	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT(ppm)	RESULTS (ppm)
Abamectin B1a	0.002/0.035	1	0.1	ND	Imazalil	0.002/0.01	1	0.1	ND
Acephate	0.002/0.04	1	0.1	ND	Imidacloprid	0.002/0.002	1	0.4	ND
Acequinocyl	0.002/0.002	1	0.1	ND	Kresoxim-methyl	0.002/0.002	1	0.1	ND
Acetamiprid	0.002/0.002	1	0.1	ND	Malathion	0.01/0.04	1	0.2	ND
Aldicarb	0.002/0.01	1	0.1	ND	Metalaxyl	0.002/0.004	1	0.1	ND
Azoxystrobin	0.002/0.04	1	0.1	ND	Methiocarb	0.002/0.01	1	0.1	ND
Bifenazate	0.002/0.002	1	0.1	ND	Methomyl	0.002/0.002	1	0.1	ND
Bifenthrin	0.002/0.002	1	0.1	ND	Mevinphos	0.009/0.036	1	0.1	ND
Boscalid	0.01/0.05	1	0.1	ND	Myclobutanil	0.002/0.04	1	0.1	ND
Carbaryl	0.002/0.004	1	0.5	ND	Naled	0.002/0.01	1	0.25	ND
Carbofuran	0.002/0.01	1	0.1	ND	Oxamyl	0.002/0.002	1	0.5	ND
Chlorantraniliprole	0.002/0.01	1	1	ND	Paclobutrazol	0.002/0.004	1	0.1	ND
Chlormequat chloride	0.002/0.004	1	1	ND	Permethrins	0.002/0.01	1	0.1	ND
Chlorpyrifos	0.002/0.01	1	0.1	ND	Phosmet	0.002/0.002	1	0.1	ND
Clofentezine	0.002/0.002	1	0.2	ND	Piperonyl Butoxide	0.002/0.002	1	3	ND
Daminozide	0.01/0.04	1	0.1	ND	Prallethrin	0.002/0.01	1	0.1	ND
Diazinon	0.002/0.01	1	0.1	ND	Propiconazole	0.002/0.04	1	0.1	ND
Dichlorvos	0.002/0.04	1	0.1	ND	Propoxur	0.002/0.01	1	0.1	ND
Dimethoate	0.002/0.002	1	0.1	ND	Pyrethrins	0.001/0.013	1	0.5	ND
Dimethomorph	0.001/0.002	1	0.2	ND	Pyridaben	0.002/0.002	1	0.2	ND
Ethoprophos	0.002/0.01	1	0.1	ND	Spinetoram	0.001/0.003	1	0.2	ND
Etofenprox	0.002/0.002	1	0.1	ND	Spinosad	0.001/0.001	1	0.1	ND
Etiozole	0.002/0.002	1	0.1	ND	Spiromesifen	0.002/0.002	1	0.1	ND
Fenhexamid	0.01/0.04	1	0.1	ND	Spirotetramat	0.002/0.01	1	0.1	ND
Fenoxycarb	0.002/0.004	1	0.1	ND	Spiroxamine	0.002/0.04	1	0.1	ND
Fenpyroximate	0.002/0.002	1	0.1	ND	Tebuconazole	0.01/0.04	1	0.1	ND
Fipronil	0.002/0.004	1	0.1	ND	Thiacloprid	0.002/0.002	1	0.1	ND
Flonicamid	0.002/0.01	1	0.1	ND	Thiamethoxam	0.002/0.01	1	0.5	ND
Fludioxonil	0.002/0.004	1	0.1	ND	Trifloxystrobin	0.002/0.002	1	0.1	ND
Hexythiazox	0.002/0.004	1	0.1	ND					

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TERPENES TOTAL

GC-FID

TESTED (0.422 %)

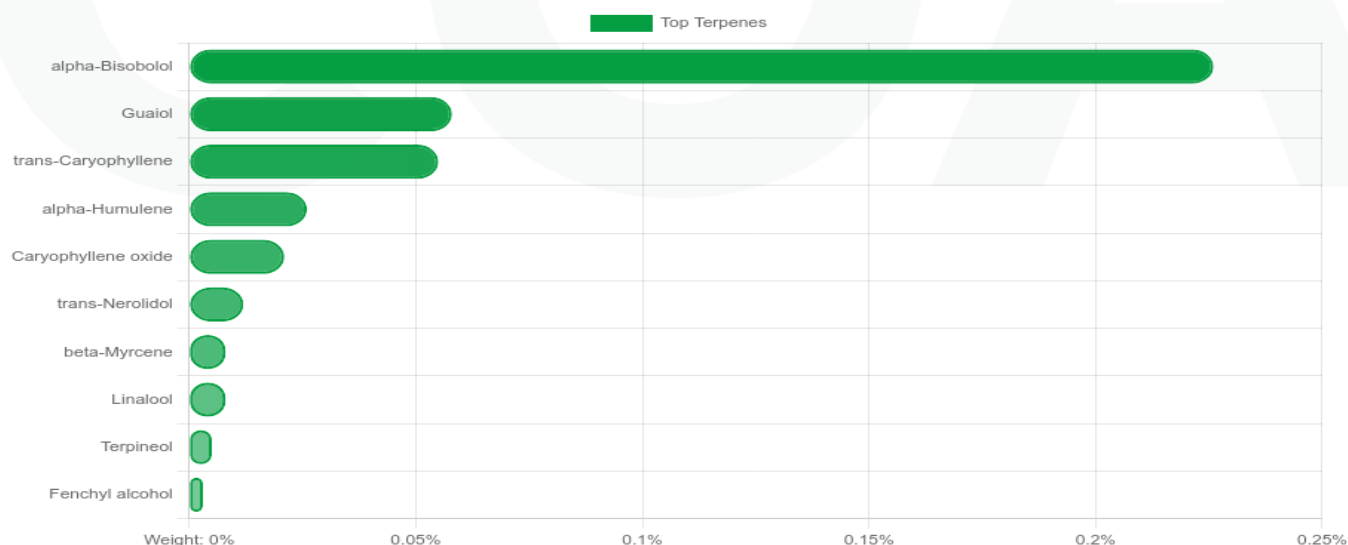
Sample Prep

Tech: 3393
SOP: 421
Batch Number: 60192
Batch Date: 06/13/2023 16:30:21

Sample Analysis

Date/Time: 06/15/2023 15:04:44
Tech: 2816
SOP: 419
Final Weight: 0.406 g
Volume: 10 ml

TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)	TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)
3-Carene	0.001/0.003	1	ND	Geraniol	0.001/0.003	1	ND
alpha-Bisobolol	0.001/0.003	1	0.226	Geranyl acetate	0.001/0.003	1	ND
alpha-Cedrene	0.001/0.003	1	ND	Guaiol	0.001/0.003	1	0.058
alpha-Humulene	0.001/0.003	1	0.026	Hexahydrothymol	0.001/0.003	1	ND
alpha-Pinene	0.001/0.003	1	<LOQ	Isoborneol	0.001/0.003	1	ND
alpha-Terpinene	0.001/0.003	1	ND	Isopulegol	0.001/0.003	1	ND
beta-Myrcene	0.001/0.003	1	0.008	Limonene	0.001/0.003	1	<LOQ
beta-Pinene	0.001/0.003	1	ND	Linalool	0.001/0.003	1	0.008
Borneol	0.001/0.003	1	<LOQ	Nerol	0.001/0.003	1	ND
Camphene	0.001/0.003	1	ND	p-Mentha-1,5-diene	0.001/0.003	1	ND
Camphor	0.001/0.003	1	ND	Pulegone	0.001/0.003	1	ND
Caryophyllene oxide	0.001/0.003	1	0.021	Sabinene hydrate	0.001/0.003	1	ND
Cedrol	0.001/0.003	1	ND	Terpineol	0.001/0.003	1	0.005
cis-Nerolidol	0.001/0.003	1	ND	Terpinolene	0.001/0.003	1	ND
cis-Ocimene	0.001/0.003	1	ND	trans-Caryophyllene	0.001/0.003	1	0.055
Eucalyptol	0.001/0.003	1	ND	trans-Nerolidol	0.001/0.003	1	0.012
Fenchone	0.001/0.003	1	ND	trans-Ocimene	0.001/0.003	1	ND
Fenchyl alcohol	0.001/0.003	1	0.003	Valencene	0.001/0.003	1	ND
gamma-Terpinene	0.001/0.003	1	ND				



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HEAVY METAL ANALYSIS

ICP-MS

PASS

Sample Prep

Tech: 3396
SOP: 428
Batch Number: 60224
Batch Date: 06/15/2023 10:43:33

Sample Analysis

Date/Time: 06/15/2023 14:36:29
Tech: 3396
SOP: 428
Final Weight: 0.2127 g
Volume: 60 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LIMIT (ppb)	RESULTS (ppb)
Arsenic	20/75	1	200	<LOQ
Cadmium	20/75	1	200	<LOQ
Lead	20/75	1	500	106.629
Mercury	20/75	1	200	ND

FILTH & FOREIGN MATERIAL ANALYSIS

Result: PASS

Sample Prep and Analysis

Date/Time: 06/14/2023 20:42:55
Tech: 4245
SOP: 409
Final Weight: 9.7033 g

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 3393
SOP: 406

Batch Number: 60227
Batch Date: 06/15/2023 11:07:41

Sample Analysis

Date/Time: 06/16/2023 16:35:58
Tech: 3358
SOP: 406

Final Weight: 1.063 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Total yeast and mold	qPCR	NA	NOT DETECTED	PASS

Sample Prep

Tech: 3393
SOP: 406

Batch Number: 60200
Batch Date: 06/14/2023 13:24:52

Sample Analysis

Date/Time: 06/16/2023 16:32:51
Tech: 3358
SOP: 406

Final Weight: 1.0184 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Salmonella	qPCR	< 1 CFU/g	NOT DETECTED	PASS
STEC e. coli	qPCR	< 1 CFU/g	NOT DETECTED	PASS

Sample Prep

Tech: 3393
SOP: 406

Batch Number: 60200
Batch Date: 06/14/2023 13:24:52

Sample Analysis

Date/Time: 06/16/2023 16:32:51
Tech: 3358
SOP: 406

Final Weight: 1.0184 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Aspergillus flavus	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus fumigatus	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus niger	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus terreus	qPCR	< 1 CFU/g	NOT DETECTED	PASS

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 3393
SOP: 406

Batch Number: 60200
Batch Date: 06/14/2023 13:24:52

Sample Analysis

Date/Time: 06/16/2023 16:32:51
Tech: 3358
SOP: 406

Final Weight: 1.0184 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Pathogenic e. coli	qPCR	NA	NOT DETECTED	PASS

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WATER ACTIVITY

Water Activity Meter
Water: 0.573 Aw

Sample Prep and Analysis

Date/Time: 06/14/2023 20:42:15

Tech: 4245

SOP: 407

Final Weight: 1.0076 g

MOISTURE ANALYSIS

Moisture: **11.69 %**

Sample Prep and Analysis

Date/Time: 06/12/2023 20:38:43

Tech: 4090

SOP: 411

Final Weight: 0.308 g

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