



Sunflora
Order #: 85061
Retail Batch #: 1:1:1
CBG Mandarin
Punch
(121523G111)

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

Order Information

Order #: 85061
Order Name: 1:1:1 CBG Mandarin Punch
(121523G111)
Retail Batch #: 1:1:1 CBG Mandarin Punch
(121523G111)
Received: 01/31/2024 09:48:07
Complete: 02/20/2024 11:49:42

Batch Information

Create Date:
Exp. Date:
Size: 0

Total Qty.: 0
Matrix: Gummy (Eth)
Pickup Weight: N/A

CANNABINOID PROFILE
TESTED

LABEL CLAIM
PASS

MICROBIAL ANALYSIS
PASS

RESIDUAL SOLVENTS
PASS

AGRICULTURAL AGENTS
PASS

HEAVY METAL ANALYSIS
PASS

TERPENES TOTAL
TESTED

MOISTURE ANALYSIS
NOT TESTED

WATER ACTIVITY
TESTED

FILTH & FOREIGN MATERIAL
ANALYSIS
PASS

HOMOGENEITY
NOT TESTED

MYCOTOXIN ANALYSIS
PASS



0.1445 %
Total THC

0.1543 %
Total CBD

0.4636 %
Total Cannabinoids

Diana Asensio, M.S.

Lab Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
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Sample Prep

Tech: 4090
SOP: 418
Batch Number: 62225
Batch Date: 01/31/2024 17:16:00

Sample Analysis

Date/Time: 02/14/2024 13:33:24
Tech: 1012
SOP: 417
Final Weight: 1.0225 g
Volume: 10 ml

CANNABINOID PROFILE

HPLC-DAD

0.1445 %
Total THC

8.063 mg
THC Per Unit

8.063 mg
THC Per Pkg

0.1543 %
Total CBD

8.610 mg
CBD Per Unit

8.610 mg
CBD Per Pkg

0.4636 %
Total Cannabinoids

25.868 mg
Cannabinoids Per Unit

25.868 mg
Cannabinoids Per Pkg

Cannabinoid Potency

ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBC	0.004/0.013	1	ND	ND	ND	ND	--	--
CBD	0.004/0.013	1	0.1543	1.543	8.610	8.610	8.3	3.7
CBDA	0.004/0.013	1	ND	ND	ND	ND	--	--
CBDV	0.004/0.013	1	<LOQ	<LOQ	<LOQ	<LOQ	--	--
CBG	0.004/0.013	1	0.1487	1.487	8.297	8.297	8.3	0
CBGA	0.004/0.013	1	ND	ND	ND	ND	--	--
CBN	0.004/0.013	1	<LOQ	<LOQ	<LOQ	<LOQ	--	--
d8-THC	0.004/0.013	1	0.0140	0.140	0.781	0.781	--	--
d9-THC	0.004/0.013	1	0.1445	1.445	8.063	8.063	8.3	2.9
THCA	0.004/0.013	1	ND	ND	ND	ND	--	--
THCV	0.004/0.013	1	ND	ND	ND	ND	--	--

Additional Cannabinoids

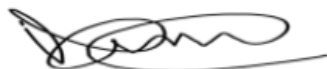
ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBDVA	0.004/0.013	1	ND	ND	ND	ND	--	--
CBL	0.004/0.013	1	ND	ND	ND	ND	--	--
CBT	0.004/0.013	1	ND	ND	ND	ND	--	--
d10-THC	0.004/0.013	1	ND	ND	ND	ND	--	--
d9-THCP	0.004/0.013	1	ND	ND	ND	ND	--	--
exo-THC	0.004/0.013	1	0.0021	0.021	0.117	0.117	--	--

mg/unit = 5.58 (g) per unit x cannabinoid concentration (mg/g)
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	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE
Total THC	0.1445	1.445	8.063	8.063
Total CBD	0.1543	1.543	8.610	8.610
Total Cannabinoids	0.4636	4.636	25.868	25.868

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Agricultural Agents

GC-MS/MS

PASS

Sample Prep

Tech: 3393
SOP: 402
Batch Number: 62299
Batch Date: 02/13/2024 13:50:00

Sample Analysis

Date/Time: 02/16/2024 11:57:44
Tech: 2816
SOP: 402
Final Weight: 0.5375 g
Volume: 10 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL (ppm)	RESULTS (ppm)
Captan	0.07/0.1	1	3	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	1	ND
Cypermethrin	0.01/0.1	1	1	ND
Methyl parathion	0.01/0.1	1	0.1	ND
Pentachloronitrobenzene	0.01/0.1	1	0.2	ND

MYCOTOXIN ANALYSIS

LC-MS/MS

PASS

Sample Prep

Tech: 3393
SOP: 432
Batch Number: 62302
Batch Date: 02/13/2024 13:51:52

Sample Analysis

Date/Time: 02/16/2024 10:42:46
Tech: 3445
SOP: 424
Final Weight: 0.1001 g
Volume: 2.5 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LEVEL (ppb)	RESULTS (ppb)
Aflatoxin B1	4/10	1	0	ND
Aflatoxin B2	4/10	1	0	ND
Aflatoxin G1	4/10	1	0	ND
Aflatoxin G2	4/5	1	0	ND
Ochratoxin A	10/0	1	20	ND
Total Aflatoxins	4/10	1	20	ND

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LC-MS/MS

PASS

Sample Prep

Tech: 3393
SOP: 432
Batch Number: 62302
Batch Date: 02/13/2024 13:51:52

Sample Analysis

Date/Time: 02/16/2024 10:42:46
Tech: 3445
SOP: 424
Final Weight: 0.1001 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	0.083/0.25	1	0.5	ND	Hexythiazox	0.167/0.5	1	1	ND
Acephate	0.067/0.2	1	0.4	ND	Imazalil	0.033/0.1	1	0.2	ND
Acequinocyl	0.333/1	1	2	ND	Imidacloprid	0.067/0.2	1	0.4	ND
Acetamiprid	0.033/0.1	1	0.2	ND	Kresoxim-methyl	0.067/0.2	1	0.4	ND
Aldicarb	0.067/0.2	1	0.4	ND	Malathion	0.033/0.1	1	0.2	ND
Azoxystrobin	0.033/0.1	1	0.2	ND	Metaxyl	0.033/0.1	1	0.2	ND
Bifenazate	0.033/0.1	1	0.2	ND	Methiocarb	0.033/0.1	1	0.2	ND
Bifenthrin	0.033/0.1	1	0.2	ND	Methomyl	0.067/0.2	1	0.4	ND
Boscalid	0.067/0.2	1	0.4	ND	Myclobutanil	0.033/0.1	1	0.2	ND
Carbaryl	0.033/0.1	1	0.2	ND	Naled	0.083/0.25	1	0.5	ND
Carbofuran	0.033/0.1	1	0.2	ND	Oxamyl	0.167/0.5	1	1	ND
Chlorantraniliprole	0.033/0.1	1	0.2	ND	Paclobutrazol	0.067/0.2	1	0.4	ND
Chlorfenapyr	0.167/0.5	1	1	ND	Permethrins	0.033/0.1	1	0.2	ND
Chlorpyrifos	0.033/0.1	1	0.2	ND	Phosmet	0.033/0.1	1	0.2	ND
Clofentezine	0.033/0.1	1	0.2	ND	Piperonyl Butoxide	0.333/1	1	2	ND
Cyfluthrin	0.167/0.5	1	1	ND	Prallethrin	0.033/0.1	1	0.2	ND
Cypermethrin	0.167/0.5	1	1	ND	Propiconazole	0.067/0.2	1	0.4	ND
Daminozide	0.167/0.5	1	1	ND	Propoxur	0.033/0.1	1	0.2	ND
Diazinon	0.033/0.1	1	0.2	ND	Pyrethrins	0.033/0.1	1	1	ND
Dichlorvos	0.017/0.05	1	0.1	ND	Pyridaben	0.033/0.1	1	0.2	ND
Dimethoate	0.033/0.1	1	0.2	ND	Spinosad	0.033/0.1	1	0.2	ND
Ethoprophos	0.033/0.1	1	0.2	ND	Spiromesifen	0.033/0.1	1	0.2	ND
Etofenprox	0.067/0.2	1	0.4	ND	Spirotetramat	0.033/0.1	1	0.2	ND
Etoxazole	0.033/0.1	1	0.2	ND	Spiroxamine	0.067/0.2	1	0.4	ND
Fenoxycarb	0.033/0.1	1	0.2	ND	Tebuconazole	0.067/0.2	1	0.4	ND
Fenpyroximate	0.067/0.2	1	0.4	ND	Thiacloprid	0.033/0.1	1	0.2	ND
Fipronil	0.067/0.2	1	0.4	ND	Thiamethoxam	0.033/0.1	1	0.2	ND
Flonicamid	0.167/0.5	1	1	ND	Trifloxystrobin	0.033/0.1	1	0.2	ND
Fludioxonil	0.067/0.2	1	0.4	ND					

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TERPENES TOTAL
GC-FID
TESTED (0.076 %)

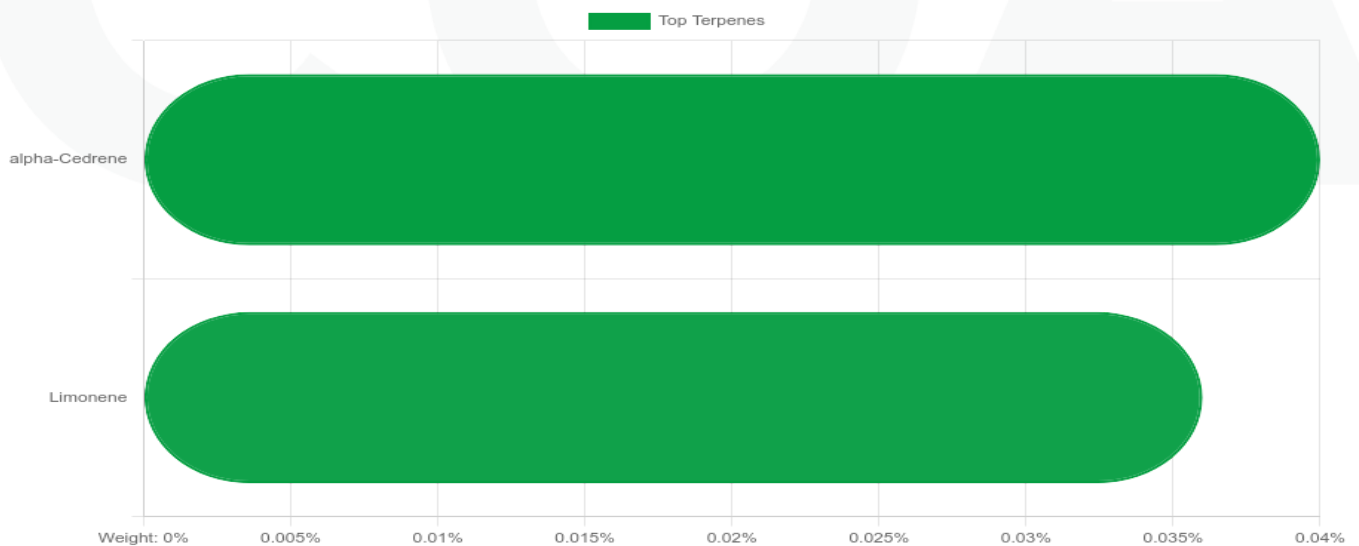
Sample Prep

Tech: 3393
SOP: 421
Batch Number: 62309
Batch Date: 02/14/2024 09:55:59

Sample Analysis

Date/Time: 02/16/2024 10:28:58
Tech: 2816
SOP: 419
Final Weight: 0.4387 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	ND	Geranyl acetate	0.001/0.003	1	ND
alpha-Cedrene	0.001/0.003	1	0.040	Guaiol	0.001/0.003	1	ND
alpha-Humulene	0.001/0.003	1	ND	Hexahydrothymol	0.001/0.003	1	ND
alpha-Pinene	0.001/0.003	1	ND	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	ND	Limonene	0.001/0.003	1	0.036
beta-Pinene	0.001/0.003	1	ND	Linalool	0.001/0.003	1	ND
Borneol	0.001/0.003	1	ND	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	ND	Sabinene hydrate	0.001/0.003	1	ND
Cedrol	0.001/0.003	1	ND	Terpineol	0.001/0.003	1	ND
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	ND
Eucalyptol	0.001/0.003	1	ND	trans-Nerolidol	0.001/0.003	1	ND
Fenchone	0.001/0.003	1	ND	trans-Ocimene	0.001/0.003	1	ND
Fenchyl alcohol	0.001/0.003	1	ND	Valencene	0.001/0.003	1	ND
gamma-Terpinene	0.001/0.003	1	ND				



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RESIDUAL SOLVENTS

HS-GC-MS

PASS

Sample Prep

Tech: 2816
SOP: 405
Batch Number: 62230
Batch Date: 02/01/2024 16:09:02

Sample Analysis

Date/Time: 02/06/2024 15:07:22
Tech: 2816
SOP: 405
Final Weight: 0.0498 g
Volume: 1 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)
1,1-Dichloroethene	0.6/0.63	1	8	ND	Heptane	6/140	1	5000	ND
1,2-Dichloroethane	0.012/0.12	1	2	ND	Hexanes	0.06/18	1	250	ND
Acetone	9/140	1	750	ND	Methanol	6/100	1	250	<LOQ
Acetonitrile	0.72/25	1	60	<LOQ	Methylene chloride	1.5/1.5	1	125	ND
Benzene	0.06/1	1	1	ND	Pentane	9/140	1	750	ND
Butane	48/50	1	5000	ND	Propane	30/30	1	5000	ND
Chloroform	0.2/1	1	2	ND	Toluene	0.9/53	1	150	ND
Ethyl acetate	2.4/140	1	400	ND	Total xylenes	1.8/130	1	150	ND
Ethyl ether	6/140	1	500	ND	Trichloroethylene	0.3/1	1	25	ND
Ethylene oxide	0.6/2	1	5	ND					

HEAVY METAL ANALYSIS

ICP-MS

PASS

Sample Prep

Tech: 3396
SOP: 428
Batch Number: 62315
Batch Date: 02/15/2024 09:57:22

Sample Analysis

Date/Time: 02/15/2024 14:23:32
Tech: 3396
SOP: 428
Final Weight: 0.2461 g
Volume: 60 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LIMIT (ppb)	RESULTS (ppb)
Arsenic	20/75	1	1500	ND
Cadmium	20/75	1	500	ND
Lead	20/75	1	500	<LOQ
Mercury	20/75	1	3000	ND

FILTH & FOREIGN MATERIAL ANALYSIS

Result: **PASS**

Sample Prep and Analysis

Date/Time: 02/15/2024 16:17:34
Tech: 3393
SOP: 409
Final Weight: 22.3 g

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 3393
SOP: 406

Batch Number: 62313
Batch Date: 02/14/2024 15:01:56

Date/Time: 02/15/2024 14:45:03
Tech: 3358
SOP: 406

Sample Analysis

Final Weight: 1.0238 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: 62312
Batch Date: 02/14/2024 15:01:30

Date/Time: 02/16/2024 15:44:13
Tech: 3358
SOP: 406

Sample Analysis

Final Weight: 1.0075 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

Sample Prep

Tech: 3393
SOP: 406

Batch Number: 62312
Batch Date: 02/14/2024 15:01:30

Date/Time: 02/16/2024 15:44:13
Tech: 3358
SOP: 406

Sample Analysis

Final Weight: 1.0075 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

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 3393
SOP: 406

Batch Number: 62312
Batch Date: 02/14/2024 15:01:30

Sample Analysis

Date/Time: 02/16/2024 15:44:13
Tech: 3358
SOP: 406

Final Weight: 1.0075 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: 0.658 Aw

Sample Prep and Analysis

Date/Time: 02/19/2024 19:19:00

Tech: 4090

SOP: 407

Final Weight: 1.0929 g

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