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CMTL-0004
ACT Laboratories (FL)
4001 SW 47th Ave Suite 208, Davie, Florida
8448228522
trevorh@actlab.com

1 of 11

ACTLAB

sunflora

Order No.: OFLSUN0919-0002712
8413 Laurel Circle
Florida, 33610
2057897495

Sample: SFLSUN0919-IGUM-0000614

Unit Weight: 5.1300g , Sample Size for Testing: 5.0000 g

Batch#: 924SA111

MMTC Information

Cultivation Facility: , Processing Facility:

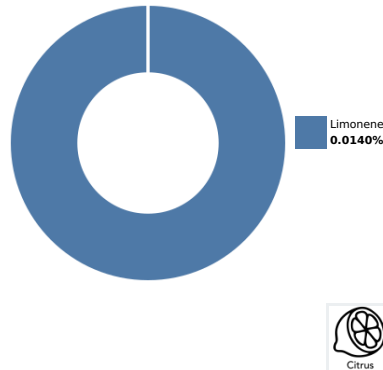## 1:1:1 CBG Mandarin Punch Gummies (3300044)
Ingestible, Gummy

Results

10.6 mg/unit CBD	**10.6 mg/unit** D9-THC
10.6 mg/unit Total CBD	**10.6 mg/unit** Total THC
31.0 mg/unit Total Cannabinoids	**0.014%** Total Terpenes

Tests Summary

Cannabinoids Tested	Moisture Not Tested	Microbials Pass
Water Activity Pass	**Foreign Matter** Pass	**Terpenes** Tested
Contaminant Load Not Tested	**Residual Solvents** Pass	**Mycotoxins** Pass
Heavy Metals Pass	**Pesticides** Pass	**Label Claim** Not Tested

Dominant Terpenes

Limonene
0.0140%

Citrus

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Lab Manager

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2057897495

Sample: SFLSUN0919-IGUM-0000614
Unit Weight: 5.1300g , Sample Size for Testing: 5.0000 g
Batch#: 924SA111

1:1:1 CBG Mandarin Punch Gummies (3300044)
Ingestible, Gummy

Cannabinoids

Tested

Sample Prep
Tech: 3445
SOP: SOP 417
Batch Number: WCNDFL-FL0919-0002670
Batch Date: 09/19/2024 15:16

Sample Analysis
Date/Time: 10/08/2024 15:10
Tech: 3445
SOP: SOP 417
Instrument: HPLC - 3013
Final Weight: 1.004 g
Dilution Factor for Sample: 40

Analyte	LOD (mg/g)	LOQ (mg/g)	mg/g	mg/unit	%
CBDV	0.004	0.013	0.0120	0.0630	0.00100
CBDa	0.004	0.013	ND	ND	ND
CBGa	0.004	0.013	ND	ND	ND
CBG	0.004	0.013	1.87	9.60	0.187
CBD	0.004	0.013	2.06	10.6	0.206
THCV	0.004	0.013	ND	ND	ND
THCVa			0.00	0.00	0.00
CBN	0.004	0.013	0.00300	0.0130	0.00
D9-THC	0.004	0.013	2.06	10.6	0.206
D8-THC	0.004	0.013	0.0290	0.151	0.00300
CBC	0.004	0.013	0.00400	0.0220	0.00
THCa	0.004	0.013	ND	ND	ND
CBCa			0.00	0.00	0.00
Total CBD			2.06	10.6	0.206
Total THC			2.06	10.6	0.206
Total Cannabinoids			6.03	31.0	0.603

Notes:
Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD. LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specification established by the Laboratory.

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8413 Laurel Circle
Florida, 33610
2057897495

Sample: SFLSUN0919-IGUM-0000614

Unit Weight: 5.1300g , Sample Size for Testing: 5.0000 g

Batch#: 924SA111

1:1:1 CBG Mandarin Punch Gummies (3300044)
Ingestible, Gummy

Microbials   Pass

Sample Prep
Tech: 4506
SOP: SOP 406
Batch Number: WINCFL-FL0918-0002223
Batch Date: 09/18/2024 17:21

Sample Analysis
Date/Time: 09/23/2024 09:14
Tech: 4302
SOP: SOP 406
Instrument: AriaMx Real-Time PCR System - 2958 / BZ Series Horizontal Laminar Flow Hood - 3103/ Revco RDE Series Ultra-Low Temp
Final Weight: 2.032 g
Dilution Factor for Sample: 10

Analyte	Limit (CFU/g)	Result	Status
Yeast & Mold	100,000	1	Passed
Salmonella	1	Absence	Passed
Aspergillus Flavus	1	Absence	Passed
Aspergillus Fumigatus	1	Absence	Passed
Aspergillus Niger	1	Absence	Passed
Aspergillus Terreus	1	Absence	Passed
STEC E. Coli	1	Absence	Passed

Notes:
TNTC = Too Numerous to Count; Unless otherwise stated all quality control samples performed within specification established by the Laboratory

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sunflora
Order No.: OFLSUN0919-0002712
8413 Laurel Circle
Florida, 33610
2057897495

Sample: SFLSUN0919-IGUM-0000614
Unit Weight: 5.1300g , Sample Size for Testing: 5.0000 g
Batch#: 924SA111

1:1:1 CBG Mandarin Punch Gummies (3300044)
Ingestible, Gummy

Water Activity

Pass

Sample Prep
Tech: 4481
SOP: SOP 407
Batch Number: WMWAFL-FL0919-0002634
Batch Date: 09/19/2024 14:46

Sample Analysis
Date/Time: 09/30/2024 15:15
Tech: 4090
SOP: SOP 407
Instrument: Smart Water Activity Meter HD-6 - 3021
Final Weight: 1.019 g

Analyte	Limit (aw)	aw	Status
Water Activity	0.85	**0.61**	Passed

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sunflora
Order No.: OFLSUN0919-0002712
8413 Laurel Circle
Florida, 33610
2057897495

Sample: SFLSUN0919-IGUM-0000614
Unit Weight: 5.1300g , Sample Size for Testing: 5.0000 g
Batch#: 924SA111

1:1:1 CBG Mandarin Punch Gummies (3300044)
Ingestible, Gummy

Foreign Matter
Sample Prep/Analysis
Tech: 4481
SOP: SOP 409
Batch Date: 09/19/2024 13:20

Pass

Analyte	Result
FM	Absent

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sunflora
Order No.: OFLSUN0919-0002712
8413 Laurel Circle
Florida, 33610
2057897495

Sample: SFLSUN0919-IGUM-0000614
Unit Weight: 5.1300g , Sample Size for Testing: 5.0000 g
Batch#: 924SA111

1:1:1 CBG Mandarin Punch Gummies (3300044)
Ingestible, Gummy

Terpenes

Tested

Sample Prep
Tech: 2816
SOP: SOP 419
Batch Number: WLTRFL-FL0922-0002655
Batch Date: 09/22/2024 10:23

Sample Analysis
Date/Time: 09/24/2024 14:16
Tech: 2816
SOP: SOP 419
Instrument: GC-FID - 3010
Final Weight: 0.413 g
Dilution Factor for Sample: 10

Analyte	LOD (%)	LOQ (%)	%
Limonene	0.001	0.004	**0.0140**
Total Terpenes			**0.0140**
DL-Menthol	0.001	0.004	ND
Camphene	0.001	0.004	ND
b-Myrcene	0.001	0.004	ND
a-Phellandrene	0.001	0.004	ND
d-3-Carene	0.001	0.004	ND
a-Terpinene	0.001	0.004	ND
b-Pinene	0.001	0.004	ND
Eucalyptol	0.001	0.004	ND
g-Terpinene	0.001	0.004	ND
Terpinolene	0.001	0.004	< LOQ
Sabinene Hydrate	0.001	0.004	ND
Linalool	0.001	0.004	ND
Fenchone	0.001	0.004	ND
Isopulegol	0.001	0.004	ND
Camphor	0.001	0.004	ND
Isoborneol	0.001	0.004	ND
a-Pinene	0.001	0.004	ND
Borneol	0.001	0.004	ND
Terpineol	0.001	0.004	ND
Nerol	0.001	0.004	ND
Pulegone	0.001	0.004	ND
Geraniol	0.001	0.004	ND
Geranyl Acetate	0.001	0.004	ND
a-Cedrene	0.001	0.004	ND
b-Caryophyllene	0.001	0.004	ND
a-Humulene	0.001	0.004	ND
Valencene	0.001	0.004	ND
cis-Nerolidol	0.001	0.004	ND
trans-Nerolidol	0.001	0.004	ND
Guaiol	0.001	0.004	ND
Caryophyllene Oxide	0.001	0.004	ND
Cedrol	0.001	0.004	ND
a-Bisabolol	0.001	0.004	ND
trans-b-Ocimene	0.001	0.004	ND
cis-b-Ocimene	0.001	0.004	ND
Fenchol	0.001	0.004	ND

Notes:
LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specification established by the Laboratory. Terpene analysis result is an estimate as the sample response is typically outside the standard curve linear response.

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sunflora
Order No.: OFLSUN0919-0002712
8413 Laurel Circle
Florida, 33610
2057897495

Sample: SFLSUN0919-IGUM-0000614
Unit Weight: 5.1300g , Sample Size for Testing: 5.0000 g
Batch#: 924SA111

1:1:1 CBG Mandarin Punch Gummies (3300044)
Ingestible, Gummy

Residual Solvents

Pass

Sample Prep
Tech: 2816
SOP: SOP 405
Batch Number: WRSVFL-FL0925-0002466
Batch Date: 09/25/2024 12:38

Sample Analysis
Date/Time: 09/27/2024 10:34
Tech: 2816
SOP: SOP 405
Instrument: GCMS-HS - 3015
Final Weight: 0.105 g
Dilution Factor for Sample: 1

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	ppm	Status
1,2-Dichloroethane	0.6	1.0	2.0	ND	Passed
Acetone	1.9	19.0	750.0	< LOQ	Passed
Acetonitrile	1.9	19.0	60.0	< LOQ	Passed
Benzene	0.2	0.4	1.0	ND	Passed
Butane	9.5	19.0	5,000.0	ND	Passed
Chloroform	0.2	0.4	2.0	ND	Passed
Ethanol	19.0	38.1	5,000.0	**2,420**	Passed
Ethyl Acetate	1.9	19.0	400.0	**24.3**	Passed
Ethyl Ether	19.0	38.1	500.0	ND	Passed
Ethylene Oxide	0.6	1.9	5.0	ND	Passed
Heptane	19.0	38.1	5,000.0	ND	Passed
Hexanes	3.8	7.6	250.0	ND	Passed
Isopropyl Alcohol	19.0	38.1	500.0	ND	Passed
Methanol	19.0	38.1	250.0	**51.3**	Passed
Methylene Chloride	19.0	38.1	125.0	ND	Passed
Pentanes	6.4	12.7	750.0	ND	Passed
Propane	1.9	19.0	5,000.0	ND	Passed
Toluene	1.9	19.0	150.0	ND	Passed
Trichloroethylene	1.0	1.9	25.0	ND	Passed
Total Xylenes	0.5	1.0	150.0	ND	Passed
1,1-Dichloroethene	0.6	1.9	8.0	ND	Passed

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2057897495

Sample: SFLSUN0919-IGUM-0000614
Unit Weight: 5.1300g , Sample Size for Testing: 5.0000 g
Batch#: 924SA111

1:1:1 CBG Mandarin Punch Gummies (3300044)
Ingestible, Gummy

Mycotoxins
Pass

Sample Prep
Tech: 4090
SOP: SOP 424
Batch Number: WPMCFL-FL0922-0002406
Batch Date: 09/22/2024 10:14

Sample Analysis
Date/Time: 09/30/2024 11:17
Tech: 3445
SOP: SOP 424
Instrument: LC-MS/MS - 2998
Final Weight: 0.101 g
Dilution Factor for Sample: 2.5

Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	ppb	Status
B1	1.976	9.881	20.000	ND	Passed
B2	1.976	9.881	20.000	ND	Passed
G1	1.976	9.881	20.000	ND	Passed
G2	1.976	9.881	20.000	ND	Passed
Ochratoxin A	1.976	9.881	20.000	ND	Passed

Notes:
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8413 Laurel Circle
Florida, 33610
2057897495

Sample: SFLSUN0919-IGUM-0000614
Unit Weight: 5.1300g , Sample Size for Testing: 5.0000 g
Batch#: 924SA111

1:1:1 CBG Mandarin Punch Gummies (3300044)
Ingestible, Gummy

Heavy Metals

Pass

Sample Prep
Tech: 2816
SOP: SOP 428
Batch Number: WMTLFL-FL0925-0002472
Batch Date: 09/25/2024 10:10

Sample Analysis
Date/Time: 09/26/2024 17:09
Tech: 2816
SOP: SOP 428
Instrument: ICP-MS - 2837
Final Weight: 0.266 g
Dilution Factor for Sample: 60

Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	ppb	Status
Arsenic	15.101	56.349	1,500.000	ND	Passed
Cadmium	15.101	56.349	500.000	ND	Passed
Mercury	15.101	56.349	3,000.000	ND	Passed
Lead	15.101	56.349	500.000	ND	Passed

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2057897495

Sample: SFLSUN0919-IGUM-0000614
Unit Weight: 5.1300g , Sample Size for Testing: 5.0000 g
Batch#: 924SA111

1:1:1 CBG Mandarin Punch Gummies (3300044)
Ingestible, Gummy

Pesticides

Pass

Sample Prep
Tech: 4090, 2816
SOP: SOP 424
Batch Number: WPMCFL-FL0922-0002406
Batch Date: 09/22/2024 10:14

Sample Analysis
Date/Time: 09/30/2024 11:17
Tech: 3445, 2816
SOP: SOP 424
Instrument: LC-MS/MS - 2998 / GC-MS/MS - 3017
Final Weight: 0.596 g
Dilution Factor for Sample: 2.5 (LCMS), 10 (GCMS)

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	ppm	Status
Abamectin	0.009	0.022	0.300	ND	Passed
Acephate	0.010	0.025	3.000	ND	Passed
Acequinocyl	0.010	0.025	2.000	ND	Passed
Acetamiprid	0.002	0.010	3.000	ND	Passed
Aldicarb	0.005	0.020	0.100	ND	Passed
Azoxystrobin	0.002	0.010	3.000	ND	Passed
Bifenazate	0.002	0.010	3.000	ND	Passed
Bifenthrin	0.010	0.025	0.500	ND	Passed
Boscalid	0.012	0.049	3.000	ND	Passed
Carbaryl	0.005	0.010	0.500	ND	Passed
Carbofuran	0.002	0.010	0.100	ND	Passed
Chlorantraniliprole	0.002	0.010	3.000	ND	Passed
Chlorpyrifos	0.010	0.025	0.100	ND	Passed
Clofentezine	0.010	0.025	0.500	ND	Passed
Coumaphos	0.010	0.101	0.100	ND	Passed
Cyfluthrin	0.010	0.101	1.000	ND	Passed
Cypermethrin	0.010	0.101	1.000	ND	Passed
Daminozide	0.010	0.025	0.100	ND	Passed
Diazinon	0.002	0.010	0.200	ND	Passed
Dichlorvos	0.010	0.025	0.100	ND	Passed
Dimethoate	0.002	0.010	0.100	ND	Passed
Dimethomorph	0.003	0.011	3.000	ND	Passed
Ethoprophos	0.002	0.010	0.100	ND	Passed
Etofenprox	0.002	0.010	0.100	ND	Passed
Etoxazole	0.002	0.010	1.500	ND	Passed
Fenhexamid	0.010	0.049	3.000	ND	Passed
Fenoxycarb	0.002	0.010	0.100	ND	Passed
Fenpyroximate	0.002	0.020	2.000	ND	Passed
Fipronil	0.002	0.010	0.100	ND	Passed
Flonicamid	0.005	0.020	2.000	ND	Passed
Fludioxonil	0.005	0.010	3.000	ND	Passed
Hexythiazox	0.005	0.020	2.000	ND	Passed
Imazalil	0.010	0.025	0.100	ND	Passed
Imidacloprid	0.025	0.124	3.000	ND	Passed
Kresoxim Methyl	0.005	0.010	1.000	ND	Passed
Malathion	0.020	0.049	2.000	ND	Passed
Mevinphos	0.009	0.022	0.100	ND	Passed
Metalaxyl	0.002	0.010	3.000	ND	Passed
Methiocarb	0.002	0.010	0.100	ND	Passed
Methomyl	0.002	0.010	0.100	ND	Passed
Myclobutanil	0.005	0.025	3.000	ND	Passed
Naled	0.020	0.025	0.500	ND	Passed
Oxamyl	0.002	0.010	0.500	ND	Passed
Paclobutrazol	0.002	0.010	0.100	ND	Passed
Permethrin	0.010	0.025	1.000	ND	Passed
Phosmet	0.005	0.025	0.200	ND	Passed
Piperonyl Butoxide	0.002	0.010	3.000	ND	Passed
Prallethrin	0.010	0.025	0.400	ND	Passed
Propiconazole	0.010	0.025	1.000	ND	Passed
Propoxur	0.002	0.010	0.100	ND	Passed
Pyrethrins	0.033	0.066	1.000	ND	Passed
Pyridaben	0.002	0.010	3.000	ND	Passed
Spinetoram	0.007	0.018	3.000	ND	Passed
Spinosyn AD	0.010	0.042	3.000	ND	Passed
Spiromesifen	0.002	0.010	3.000	ND	Passed

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Lab Manager

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sunflora

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2057897495

Sample: SFLSUN0919-IGUM-0000614

Unit Weight: 5.1300g , Sample Size for Testing: 5.0000 g

Batch#: 924SA111

1:1:1 CBG Mandarin Punch Gummies (3300044)
Ingestible, Gummy

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	ppm	Status
Spirotetramat	0.005	0.025	3.000	ND	Passed
Spiroxamine	0.002	0.010	0.100	ND	Passed
Tebuconazole	0.010	0.025	1.000	ND	Passed
Thiacloprid	0.002	0.010	0.100	ND	Passed
Thiamethoxam	0.002	0.010	1.000	ND	Passed
Trifloxystrobin	0.002	0.010	3.000	ND	Passed
Captan	0.010	0.101	3.000	ND	Passed
Methyl Parathion	0.010	0.101	0.100	ND	Passed
Chlordane	0.010	0.101	0.100	ND	Passed
Chlorfenapyr	0.010	0.101	0.100	ND	Passed
Chlormequat Chloride	0.002	0.010	3.000	< LOQ	Passed
Pentachloronitrobenzene	0.010	0.101	0.200	ND	Passed

Notes:
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