



Sunflora
Order #: 85332
Retail Batch #: 7ct
Sleep Study
Gummies

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

Order Information

Order #: 85332
Order Name: 7ct Sleep Study Gummies
Retail Batch #: 7ct Sleep Study Gummies
Received: 02/14/2024 10:18:57
Complete: 02/22/2024 11:10:24

Batch Information

Create Date:
Exp. Date:
Size: 0

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

CANNABINOID PROFILE
TESTED

LABEL CLAIM
**NOT
APPLICABLE**

MICROBIAL ANALYSIS
PASS

RESIDUAL SOLVENTS
PASS

AGRICULTURAL AGENTS
PASS

HEAVY METAL ANALYSIS
PASS

TERPENES
NOT TESTED

MOISTURE ANALYSIS
NOT TESTED

WATER ACTIVITY
TESTED

FILTH & FOREIGN MATERIAL
ANALYSIS
PASS

HOMOGENEITY
NOT TESTED

MYCOTOXIN ANALYSIS
PASS



0.0044 %
Total THC

0.9465 %
Total CBD

1.3002 %
Total Cannabinoids

Diana Asensio, M.S.

Lab Director



ACT Laboratories Florida
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Sample Prep

Tech: 3445
SOP: 418
Batch Number: 62310
Batch Date: 02/14/2024 12:22:50

Sample Analysis

Date/Time: 02/19/2024 10:57:23
Tech: 1012
SOP: 417
Final Weight: 1.0687 g
Volume: 10 ml

CANNABINOID PROFILE

HPLC-DAD

0.0044 %
Total THC

0.253 mg
THC Per Unit

1.768 mg
THC Per Pkg

0.9465 %
Total CBD

54.329 mg
CBD Per Unit

380.304 mg
CBD Per Pkg

1.3002 %
Total Cannabinoids

74.632 mg
Cannabinoids Per Unit

522.421 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	2	0.0102	0.102	0.585	4.098	--	--
CBD	0.004/0.013	2	0.9465	9.465	54.329	380.304	--	--
CBDA	0.004/0.013	2	ND	ND	ND	ND	--	--
CBDV	0.004/0.013	2	0.0048	0.048	0.276	1.929	--	--
CBG	0.004/0.013	2	0.0021	0.021	0.121	0.844	--	--
CBGA	0.004/0.013	2	ND	ND	ND	ND	--	--
CBN	0.004/0.013	2	0.3307	3.307	18.982	132.875	--	--
d8-THC	0.004/0.013	2	ND	ND	ND	ND	--	--
d9-THC	0.004/0.013	2	0.0044	0.044	0.253	1.768	--	--
THCA	0.004/0.013	2	ND	ND	ND	ND	--	--
THCV	0.004/0.013	2	ND	ND	ND	ND	--	--

Additional Cannabinoids

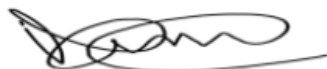
ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBDVA	0.004/0.013	2	<LOQ	<LOQ	<LOQ	<LOQ	--	--
CBL	0.004/0.013	2	ND	ND	ND	ND	--	--
CBT	0.004/0.013	2	0.0015	0.015	0.086	0.603	--	--
d10-THC	0.004/0.013	2	ND	ND	ND	ND	--	--
d9-THCP	0.004/0.013	2	ND	ND	ND	ND	--	--
exo-THC	0.004/0.013	2	ND	ND	ND	ND	--	--

mg/unit = 5.74 (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	0.0044	0.044	0.253	1.768
Total CBD	0.9465	9.465	54.329	380.304
Total Cannabinoids	1.3002	13.002	74.632	522.421

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Agricultural Agents

GC-MS/MS

PASS

Sample Prep

Tech: 4090
SOP: 402
Batch Number: 62333
Batch Date: 02/19/2024 13:12:25

Sample Analysis

Date/Time: 02/21/2024 15:37:17
Tech: 2816
SOP: 402
Final Weight: 0.5299 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: 4090
SOP: 432
Batch Number: 62334
Batch Date: 02/19/2024 13:12:37

Sample Analysis

Date/Time: 02/22/2024 10:58:21
Tech: 3445
SOP: 424
Final Weight: 0.1002 g
Volume: 2.5 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LEVEL (ppb)	RESULTS (ppb)
Aflatoxin B1	2/10	1	20	ND
Aflatoxin B2	2/10	1	20	ND
Aflatoxin G1	2/10	1	20	ND
Aflatoxin G2	2/5	1	20	ND
Ochratoxin A	2/10	1	20	ND

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LC-MS/MS

PASS

Sample Prep

Tech: 4090
SOP: 432
Batch Number: 62334
Batch Date: 02/19/2024 13:12:37

Sample Analysis

Date/Time: 02/22/2024 10:58:21
Tech: 3445
SOP: 424
Final Weight: 0.1002 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	0.3	ND	Imazalil	0.002/0.01	1	0.1	ND
Acephate	0.002/0.04	1	3	ND	Imidacloprid	0.002/0.002	1	3	ND
Acequinocyl	0.002/0.002	1	2	ND	Kresoxim-methyl	0.002/0.002	1	1	ND
Acetamiprid	0.002/0.002	1	3	ND	Malathion	0.01/0.04	1	2	ND
Aldicarb	0.002/0.01	1	0.1	ND	Metalaxyl	0.002/0.004	1	3	ND
Azoxystrobin	0.002/0.04	1	3	ND	Methiocarb	0.002/0.01	1	0.1	ND
Bifenazate	0.002/0.002	1	3	ND	Methomyl	0.002/0.002	1	0.1	ND
Bifenthrin	0.002/0.002	1	0.5	ND	Mevinphos	0.009/0.036	1	0.1	ND
Boscalid	0.01/0.05	1	3	ND	Myclobutanil	0.002/0.04	1	3	ND
Carbaryl	0.002/0.004	1	0.5	ND	Naled	0.002/0.01	1	0.5	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	3	ND	Paclobutrazol	0.002/0.004	1	0.1	ND
Chlormequat chloride	0.002/0.004	1	3	ND	Permethrins	0.002/0.01	1	1	ND
Chlorpyrifos	0.002/0.01	1	0.1	ND	Phosmet	0.002/0.002	1	0.2	ND
Clofentezine	0.002/0.002	1	0.5	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	0.4	ND
Diazinon	0.002/0.01	1	0.2	ND	Propiconazole	0.002/0.04	1	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	1	ND
Dimethomorph	0.001/0.002	1	3	ND	Pyridaben	0.002/0.002	1	3	ND
Ethoprophos	0.002/0.01	1	0.1	ND	Spinetoram	0.001/0.003	1	3	ND
Etofenprox	0.002/0.002	1	0.1	ND	Spinosad	0.001/0.001	1	3	ND
Etoxazole	0.002/0.002	1	1.5	ND	Spiromesifen	0.002/0.002	1	3	ND
Fenhexamid	0.01/0.04	1	3	ND	Spirotetramat	0.002/0.01	1	3	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	2	ND	Tebuconazole	0.01/0.04	1	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	2	ND	Thiamethoxam	0.002/0.01	1	1	ND
Fludioxonil	0.002/0.004	1	3	ND	Trifloxystrobin	0.002/0.002	1	3	ND
Hexythiazox	0.002/0.004	1	2	ND					

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RESIDUAL SOLVENTS

HS-GC-MS

PASS

Sample Prep

Tech: 2816
SOP: 405
Batch Number: 62311
Batch Date: 02/14/2024 14:55:14

Sample Analysis

Date/Time: 02/16/2024 09:38:49
Tech: 2816
SOP: 405
Final Weight: 0.051 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	Isopropyl alcohol	3/140	1	500	<LOQ
Acetonitrile	0.72/25	1	60	<LOQ	Methanol	6/100	1	250	<LOQ
Benzene	0.06/1	1	1	ND	Methylene chloride	1.5/1.5	1	125	ND
Butane	48/50	1	5000	ND	Pentane	9/140	1	750	ND
Chloroform	0.2/1	1	2	ND	Propane	30/30	1	5000	ND
Ethanol	12/140	1	5000	ND	Toluene	0.9/53	1	150	ND
Ethyl acetate	2.4/140	1	400	<LOQ	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: 62343
Batch Date: 02/21/2024 11:11:52

Sample Analysis

Date/Time: 02/21/2024 13:44:20
Tech: 3396
SOP: 428
Final Weight: 0.2304 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: 02/20/2024 12:17:53
Tech: 3393
SOP: 409
Final Weight: 97.1 g

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 4090
SOP: 406

Batch Number: 62331
Batch Date: 02/19/2024 13:11:44

Date/Time: 02/20/2024 15:58:06
Tech: 4302
SOP: 406

Sample Analysis

Final Weight: 1.0016 g

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

Sample Prep

Tech: 4090
SOP: 406

Batch Number: 62330
Batch Date: 02/19/2024 13:10:48

Date/Time: 02/21/2024 16:22:17
Tech: 4302
SOP: 406

Sample Analysis

Final Weight: 1.0275 g

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

Sample Prep

Tech: 4090
SOP: 406

Batch Number: 62330
Batch Date: 02/19/2024 13:10:48

Date/Time: 02/21/2024 16:22:17
Tech: 4302
SOP: 406

Sample Analysis

Final Weight: 1.0275 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: 4090
SOP: 406

Batch Number: 62330
Batch Date: 02/19/2024 13:10:48

Sample Analysis

Date/Time: 02/21/2024 16:22:17
Tech: 4302
SOP: 406

Final Weight: 1.0275 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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WATER ACTIVITY

Water Activity Meter
Water: .0634 Aw

Sample Prep and Analysis

Date/Time: 02/20/2024 12:17:53

Tech: 3393

SOP: 407

Final Weight: 1.0159 g

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