

**Health Meds**

Order #: 85634
Retail Batch #:
B001/24

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

Order Information

Order #: 85634
Order Name: HM-ITMCBD:THC
Retail Batch #: B001/24
Received: 03/06/2024 12:32:17
Complete: 03/15/2024 16:38:50

Batch Information

Create Date: 02/06/2024
Exp. Date: 02/06/2026
Size: 30

Total Qty.: 30
Matrix: Tincture
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 TOTAL

TESTED

MOISTURE ANALYSIS

NOT TESTED

WATER ACTIVITY

NOT TESTED

FILTH & FOREIGN

NOT TESTED

HOMOGENEITY

NOT TESTED

MYCOTOXIN ANALYSIS

PASS**0.2656 %**

Total THC

10.7970 %

Total CBD

12.4045 %

Total Cannabinoids

Diana Asensio, M.S.

Lab Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
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Sample Prep

Tech: 4302
SOP: 418
Batch Number: 62420
Batch Date: 03/06/2024 14:25:34

Sample Analysis

Date/Time: 03/11/2024 16:03:43
Tech: 1012
SOP: 417
Final Weight: 0.2078 g
Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

0.2656 %
Total THC

2.510 mg
THC Per Unit

75.298 mg
THC Per Pkg

10.7970 %
Total CBD

102.032 mg
CBD Per Unit

3060.950 mg
CBD Per Pkg

12.4045 %
Total Cannabinoids

117.222 mg
Cannabinoids Per Unit

3516.675 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	0.064/0.1954	1	0.1418	1.418	1.340	40.200	--	--
CBD	0.064/0.1954	1	6.2500	62.500	59.063	1771.875	--	--
CBDA	0.064/0.1954	1	5.1847	51.847	48.995	1469.862	--	--
CBDV	0.064/0.1954	1	0.0810	0.810	0.765	22.963	--	--
CBG	0.064/0.1954	1	0.1654	1.654	1.563	46.891	--	--
CBGA	0.064/0.1954	1	0.0303	0.303	0.286	8.590	--	--
CBN	0.064/0.1954	1	ND	ND	ND	ND	--	--
d8-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THC	0.064/0.1954	1	0.2656	2.656	2.510	75.298	--	--
THCA	0.064/0.1954	1	ND	ND	ND	ND	--	--
THCV	0.064/0.1954	1	ND	ND	ND	ND	--	--

Additional Cannabinoids

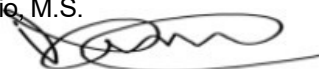
ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBDVA	0.064/0.1954	1	0.1736	1.736	1.641	49.216	--	--
CBL	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBT	0.064/0.1954	1	0.1121	1.121	1.059	31.780	--	--
d10-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THCP	0.064/0.1954	1	ND	ND	ND	ND	--	--
exo-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--

mg/unit = 1 (g) per unit x 0.945 (g/ml) 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	0.2656	2.656	2.510	75.298
Total CBD	10.7970	107.970	102.032	3060.950
Total Cannabinoids	12.4045	124.045	117.222	3516.675

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Agricultural Agents

GC-MS/MS

PASS

Sample Prep

Tech: 4090
SOP: 402
Batch Number: 62437
Batch Date: 03/11/2024 14:08:31

Sample Analysis

Date/Time: 03/14/2024 17:04:02
Tech: 3445
SOP: 402
Final Weight: 0.5083 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
Cy uthrin	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: 62438
Batch Date: 03/11/2024 14:08:59

Sample Analysis

Date/Time: 03/15/2024 16:27:37
Tech: 3445
SOP: 424
Final Weight: 0.1096 g
Volume: 2.5 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LEVEL (ppb)	RESULTS (ppb)
A atoxin B1	2/10	1	20	ND
A atoxin B2	2/10	1	20	ND
A atoxin G1	2/10	1	20	ND
A atoxin 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: 62438
Batch Date: 03/11/2024 14:08:59

Sample Analysis

Date/Time: 03/15/2024 16:27:37
Tech: 3445
SOP: 424
Final Weight: 0.1096 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	<LOQ	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	Tri oxystrobin	0.002/0.002	1	3	ND
Hexythiazox	0.002/0.004	1	2	ND					

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TERPENES TOTAL
GC-FID **TESTED (0.363 %)**

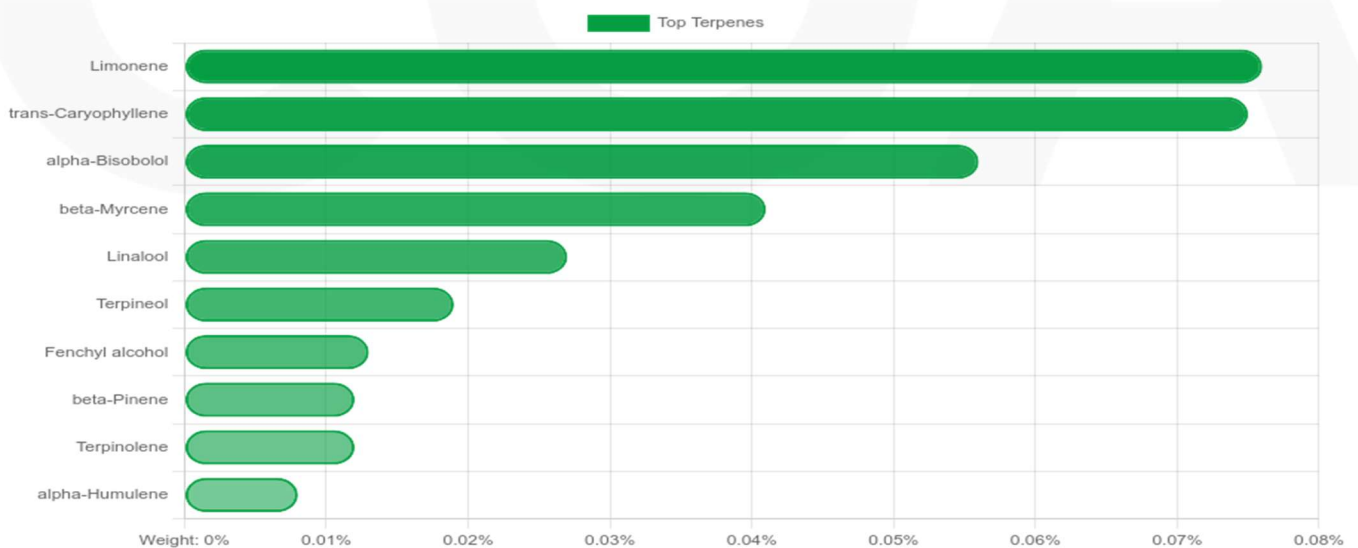
Sample Prep

Tech: 4090
SOP: 421
Batch Number: 62439
Batch Date: 03/11/2024 14:09:42

Sample Analysis

Date/Time: 03/14/2024 17:16:24
Tech: 3445
SOP: 419
Final Weight: 0.4132 g
Volume: 10 ml

TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)	TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)
3-Carene	0.001/0.003	1	<LOQ	Geraniol	0.001/0.003	1	<LOQ
alpha-Bisobolol	0.001/0.003	1	0.056	Geranyl acetate	0.001/0.003	1	ND
alpha-Cedrene	0.001/0.003	1	ND	Guaiol	0.001/0.003	1	0.007
alpha-Humulene	0.001/0.003	1	0.008	Hexahydrothymol	0.001/0.003	1	<LOQ
alpha-Pinene	0.001/0.003	1	0.008	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	0.041	Limonene	0.001/0.003	1	0.076
beta-Pinene	0.001/0.003	1	0.012	Linalool	0.001/0.003	1	0.027
Borneol	0.001/0.003	1	ND	Nerol	0.001/0.003	1	ND
Camphene	0.001/0.003	1	<LOQ	p-Mentha-1,5-diene	0.001/0.003	1	0.003
Camphor	0.001/0.003	1	<LOQ	Pulegone	0.001/0.003	1	ND
Caryophyllene oxide	0.001/0.003	1	0.006	Sabinene hydrate	0.001/0.003	1	ND
Cedrol	0.001/0.003	1	<LOQ	Terpineol	0.001/0.003	1	0.019
cis-Nerolidol	0.001/0.003	1	ND	Terpinolene	0.001/0.003	1	0.012
cis-Ocimene	0.001/0.003	1	ND	trans-Caryophyllene	0.001/0.003	1	0.075
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	0.013	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: 62448
Batch Date: 03/12/2024 17:49:10

Sample Analysis

Date/Time: 03/14/2024 14:30:53
Tech: 2816
SOP: 405
Final Weight: 0.0519 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	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: 62453
Batch Date: 03/13/2024 13:57:34

Sample Analysis

Date/Time: 03/13/2024 17:07:37
Tech: 3396
SOP: 428
Final Weight: 0.2464 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	ND
Mercury	20/75	1	3000	ND

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MICROBIAL ANALYSIS**PASS****Sample Prep**

Tech: 4090
SOP: 406

Batch Number: 62442
Batch Date: 03/11/2024 14:13:05

Date/Time: 03/12/2024 16:23:00
Tech: 4302
SOP: 406

Final Weight: 1.0045 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: 62441
Batch Date: 03/11/2024 14:12:24

Date/Time: 03/13/2024 16:52:24
Tech: 4302
SOP: 406

Final Weight: 1.0136 g

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

Sample Prep

Tech: 4090
SOP: 406

Batch Number: 62441
Batch Date: 03/11/2024 14:12:24

Date/Time: 03/13/2024 16:52:24
Tech: 4302
SOP: 406

Final Weight: 1.0136 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: 62441
Batch Date: 03/11/2024 14:12:24

Sample Analysis

Date/Time: 03/13/2024 16:52:24
Tech: 4302
SOP: 406

Final Weight: 1.0136 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Aspergillus avus	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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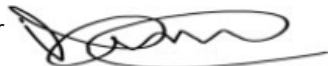
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