



Health Meds

Order #: 87707
Retail Batch #:
A002/24

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-00004

Order Information

Order #: 87707
Order Name: HM-ITM3000CBD-1oz
Retail Batch #: A002/24
Received: 07/05/2024 13:42:12
Complete: 07/22/2024 16:22:21

Batch Information

Create Date: 07/05/2024
Exp. Date: 07/05/2026
Size: 30

Total Qty.: 30
Matrix: Tincture
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
NOT TESTED

FILTH & FOREIGN
NOT TESTED

HOMOGENEITY
NOT TESTED

MYCOTOXIN ANALYSIS
PASS



0.0000 %
Total THC

9.6537 %
Total CBD

10.6008 %
Total Cannabinoids

Robert Miller PhD.

Laboratory Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
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(954) 514-9343





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Sample Prep

Tech: 3393
SOP: 418
Batch Number: 63194
Batch Date: 07/05/2024 12:27:47

Sample Analysis

Date/Time: 07/08/2024 17:13:17
Tech: 3445
SOP: 417
Final Weight: 0.2031 g
Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

ND Total THC	ND THC Per Unit	ND THC Per Pkg
9.6537 % Total CBD	91.227 mg CBD Per Unit	2736.824 mg CBD Per Pkg
10.6008 % Total Cannabinoids	100.178 mg Cannabinoids Per Unit	3005.326 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	ND	ND	ND	ND	--	--
CBD	0.064/0.1954	1	9.6537	96.537	91.227	2736.824	3000	8.8
CBDA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBDV	0.064/0.1954	1	0.0481	0.481	0.455	13.636	--	--
CBG	0.064/0.1954	1	0.4547	4.547	4.297	128.907	--	--
CBGA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBN	0.064/0.1954	1	0.4443	4.443	4.199	125.959	--	--
d8-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
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	ND	ND	ND	ND	--	--
CBL	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBT	0.064/0.1954	1	ND	ND	ND	ND	--	--
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	ND	ND	ND	ND
Total CBD	9.6537	96.537	91.227	2736.824
Total Cannabinoids	10.6008	106.008	100.178	3005.326

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Agricultural Agents

GC-MS/MS

PASS

Sample Prep

Tech: 4090
SOP: 402
Batch Number: 63262
Batch Date: 07/17/2024 13:19:39

Sample Analysis

Date/Time: 07/22/2024 13:16:48
Tech: 3445
SOP: 402
Final Weight: 0.5169 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: 63261
Batch Date: 07/17/2024 13:15:35

Sample Analysis

Date/Time: 07/22/2024 11:47:55
Tech: 3445
SOP: 424
Final Weight: 0.1025 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: 63261
Batch Date: 07/17/2024 13:15:35

Sample Analysis

Date/Time: 07/22/2024 11:47:55
Tech: 3445
SOP: 424
Final Weight: 0.1025 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	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 (0.793 %)

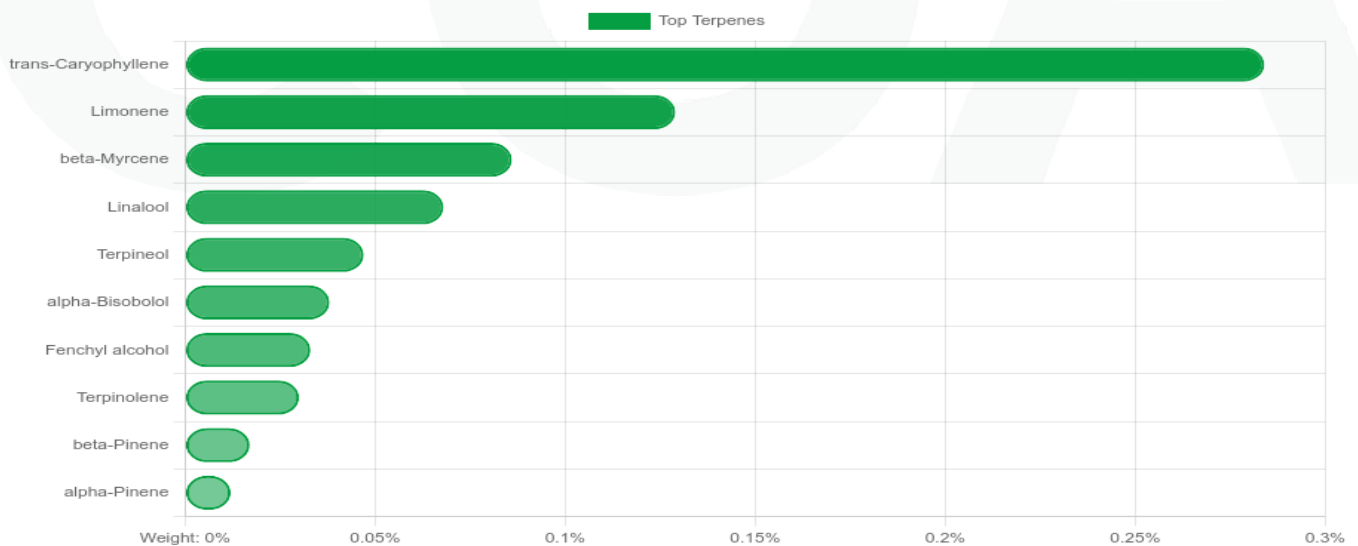
Sample Prep

Tech: 4090
SOP: 421
Batch Number: 63260
Batch Date: 07/17/2024 13:12:53

Sample Analysis

Date/Time: 07/19/2024 19:02:57
Tech: 2816
SOP: 419
Final Weight: 0.3913 g
Volume: 10 ml

TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)	TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)
3-Carene	0.001/0.003	1	0.003	Geraniol	0.001/0.003	1	0.007
alpha-Bisobolol	0.001/0.003	1	0.038	Geranyl acetate	0.001/0.003	1	ND
alpha-Cedrene	0.001/0.003	1	<LOQ	Guaiol	0.001/0.003	1	<LOQ
alpha-Humulene	0.001/0.003	1	0.010	Hexahydrothymol	0.001/0.003	1	ND
alpha-Pinene	0.001/0.003	1	0.012	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	0.086	Limonene	0.001/0.003	1	0.129
beta-Pinene	0.001/0.003	1	0.017	Linalool	0.001/0.003	1	0.068
Borneol	0.001/0.003	1	ND	Nerol	0.001/0.003	1	0.005
Camphene	0.001/0.003	1	0.004	p-Mentha-1,5-diene	0.001/0.003	1	0.012
Camphor	0.001/0.003	1	0.004	Pulegone	0.001/0.003	1	ND
Caryophyllene oxide	0.001/0.003	1	0.004	Sabinene hydrate	0.001/0.003	1	ND
Cedrol	0.001/0.003	1	ND	Terpineol	0.001/0.003	1	0.047
cis-Nerolidol	0.001/0.003	1	ND	Terpinolene	0.001/0.003	1	0.030
cis-Ocimene	0.001/0.003	1	ND	trans-Caryophyllene	0.001/0.003	1	0.284
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	<LOQ
Fenchyl alcohol	0.001/0.003	1	0.033	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: 63270
Batch Date: 07/17/2024 18:33:58

Sample Analysis

Date/Time: 07/18/2024 17:34:45
Tech: 2816
SOP: 405
Final Weight: 0.0492 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	<LOQ
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: 3445
SOP: 428
Batch Number: 63275
Batch Date: 07/18/2024 16:36:39

Sample Analysis

Date/Time: 07/19/2024 10:27:01
Tech: 3445
SOP: 428
Final Weight: 0.2318 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: 63264
Batch Date: 07/17/2024 13:30:21

Date/Time: 07/18/2024 17:06:02
Tech: 3358
SOP: 406

Sample Analysis

Final Weight: 1.0263 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: 63265
Batch Date: 07/17/2024 13:31:03

Date/Time: 07/19/2024 16:48:01
Tech: 3358
SOP: 406

Sample Analysis

Final Weight: 1.0195 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

Sample Prep

Tech: 4090
SOP: 406

Batch Number: 63265
Batch Date: 07/17/2024 13:31:03

Date/Time: 07/19/2024 16:48:01
Tech: 3358
SOP: 406

Sample Analysis

Final Weight: 1.0195 g

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

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 4090
SOP: 406

Batch Number: 63265
Batch Date: 07/17/2024 13:31:03

Sample Analysis

Date/Time: 07/19/2024 16:48:01
Tech: 3358
SOP: 406

Final Weight: 1.0195 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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