



License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

MONTKUSH, LLC
865 Lower Rd
Plainfield, VT 5667

Batch # 220172
Batch Date: 2022-01-20

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # MON220128-020001
Order Date: 2022-01-28
Sample # AACK545

Sampling Date: 2022-01-28
Lab Batch Date: 2022-01-28
Completion Date: 2022-02-04

Initial Gross Weight: 77.996 g
Net Weight: 28.749 g

Number of Units: 1
Net Weight per Unit: 28749.000 mg



Product Image

Potency
Tested

Terpenes
Tested

Heavy Metals
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual
Solvents
Passed

Pathogenic
Microbiology
Passed

Listeria
Monocytogenes
Passed

Potency - 11

Specimen Weight: 109.800 mg

Tested
(LCU)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBDA	1000.000	0.00001	0.001	45.300	4.530
CBD	1000.000	0.000054	0.001	8.700	0.870
CBGA	1000.000	0.00008	0.001	1.200	0.120
THCA-A	1000.000	0.000032	0.001	1.100	0.110
Delta-9 THC	1000.000	0.000013	0.001	0.900	0.090
CBC	1000.000	0.000018	0.001	0.700	0.070
CBG	1000.000	0.000248	0.001	0.300	0.030
THCV	1000.000	0.000007	0.001	<LOQ	<LOQ
Delta-8 THC	1000.000	0.000026	0.001	<LOQ	<LOQ
CBN	1000.000	0.000014	0.001	<LOQ	<LOQ
CBDV	1000.000	0.000065	0.001	<LOQ	<LOQ

Potency Summary

0.186% Total THC	53.473mg	4.843% Total CBD	1,392.314mg
0.135% Total CBG	38.811mg	4.530% Total CBDA	1,302.330mg
0.070% Other Cannabinoids	20.124mg	5.235% Total Cannabinoids	1,505.010mg

Terpenes Summary

Analyte	Result (mg/g)	(%)
trans-Caryophyllene	14.918	1.492%
Farnesene	8.739	0.874%
beta-Myrcene	7.61	0.761%
alpha-Bisabolol	6.312	0.631%
alpha-Humulene	4.181	0.418%
alpha-Pinene	2.611	0.261%
Guaiol	1.436	0.144%
(R)-(+)-Limonene	1.193	0.119%

Total Terpenes: 4.700%

Detailed Terpenes Analysis is on the following page

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
D.H.Sc., M.Sc., B.Sc., MT (AAB)
Lab Director/Principal Scientist



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Initial Gross Weight: 77.996 g
Net Weight: 28.749 g

Number of Units: 1
Net Weight per Unit: 28749.000 mg

Terpenes

Specimen Weight: 51.170 mg

Tested
(GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.002	14.918	1.492	trans-Nerolidol	0.002	<LOQ	<LOQ
Farnesene	0.002	8.739	0.874	Hexahydrothymol	0.002	<LOQ	<LOQ
beta-Myrcene	0.002	7.610	0.761	Fenchyl Alcohol	0.002	<LOQ	<LOQ
alpha-Bisabolol	0.002	6.312	0.631	Geranyl acetate	0.002	<LOQ	<LOQ
alpha-Humulene	0.002	4.181	0.418	Geraniol	0.002	<LOQ	<LOQ
alpha-Pinene	0.002	2.611	0.261	Gamma-Terpinene	0.002	<LOQ	<LOQ
Guaiol	0.002	1.436	0.144	Fenchone	0.002	<LOQ	<LOQ
(R)-(+)-Limonene	0.002	1.193	0.119	Eucalyptol	0.002	<LOQ	<LOQ
(+)-Cedrol	0.002	<LOQ	<LOQ	cis-Nerolidol	0.002	<LOQ	<LOQ
Nerol	0.002	<LOQ	<LOQ	Caryophyllene oxide	0.002	<LOQ	<LOQ
Isoborneol	0.002	<LOQ	<LOQ	Camphors	0.006	<LOQ	<LOQ
Isopulegol	0.002	<LOQ	<LOQ	Camphene	0.002	<LOQ	<LOQ
Linalool	0.002	<LOQ	<LOQ	Borneol	0.004	<LOQ	<LOQ
Sabinene Hydrate	0.002	<LOQ	<LOQ	beta-Pinene	0.002	<LOQ	<LOQ
Ocimene	0.000	<LOQ	<LOQ	alpha-Terpinene	0.002	<LOQ	<LOQ
Pulegone	0.002	<LOQ	<LOQ	alpha-Phellandrene	0.002	<LOQ	<LOQ
Sabinene	0.002	<LOQ	<LOQ	alpha-Cedrene	0.002	<LOQ	<LOQ
Terpinolene	0.002	<LOQ	<LOQ	3-Carene	0.002	<LOQ	<LOQ
Total Terpeneol	0.001	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ

Total Terpenes: 4.700%

Mycotoxins

Specimen Weight: 163.590 mg

Dilution Factor: 9.169

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	6	20	<LOQ	Aflatoxin G2	6	20	<LOQ
Aflatoxin B2	6	20	<LOQ	Ochratoxin A	12	20	<LOQ
Aflatoxin G1	6	20	<LOQ				

Passed
(LCMS)

Pathogenic Microbiology SAE (MicroArray)

Passed
(Micro Array)

Specimen Weight: 1033.200 mg

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g

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Lab Toxicologist

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Number of Units: 1
Net Weight per Unit: 28749.000 mg

Pesticides FL V4

Specimen Weight: 163.590 mg

Passed
(LCMS/GCMS)

Residual Solvents - FL (CBD)

Specimen Weight: 105.300 mg

Passed
(GCMS)

Dilution Factor: 9.169

Analyte	LOQ (ppb)	Action Level (ppb)	Result	Analyte	LOQ (ppb)	Action Level (ppb)	Result
Abamectin	28.23	300	<LOQ	Fludioxonil	48	3000	<LOQ
Acephate	30	3000	<LOQ	Hexythiazox	30	2000	<LOQ
Acequinocyl	48	2000	<LOQ	Imazalil	30	100	<LOQ
Acetaminiprid	30	3000	<LOQ	Imidacloprid	30	3000	<LOQ
Aldicarb	30	100	<LOQ	Kresoxim Methyl	30	1000	<LOQ
Azoxystrobin	10	3000	<LOQ	Malathion	30	2000	<LOQ
Bifenazate	30	3000	<LOQ	Metaxalyl	10	3000	<LOQ
Bifenthrin	30	500	<LOQ	Methiocarb	30	100	<LOQ
Boscalid	10	3000	<LOQ	Methomyl	30	100	<LOQ
Captan	30	3000	<LOQ	methyl-Parathion	10	100	<LOQ
Carbaryl	10	500	<LOQ	Mevinphos	10	100	<LOQ
Carbofuran	10	100	<LOQ	Myclobutanil	30	3000	<LOQ
Chlorantranilprole	10	3000	<LOQ	Naled	30	500	<LOQ
Chlordane	10	100	<LOQ	Oxamyl	30	500	<LOQ
Chlorfenapyr	30	100	<LOQ	Pacllobutrazol	30	100	<LOQ
Chloromequat Chloride	10	3000	<LOQ	Pentachloronitrobenzene	10	200	<LOQ
Chlorpyrifos	30	100	<LOQ	Permethrin	30	1000	<LOQ
Clofentezine	30	500	<LOQ	Phosmet	30	200	<LOQ
Coumaphos	48	100	<LOQ	Piperonylbutoxide	30	3000	<LOQ
Cyfluthrin	30	1000	<LOQ	Prallethrin	30	400	<LOQ
Cypermethrin	30	1000	<LOQ	Propiconazole	30	1000	<LOQ
Daminozide	30	100	<LOQ	Propoxur	30	100	<LOQ
Diazinon	30	200	<LOQ	Pyrethrins	30	1000	<LOQ
Dichlorvos	30	100	<LOQ	Pyridaben	30	3000	<LOQ
Dimethoate	30	100	<LOQ	Spinetoram	10	3000	<LOQ
Dimethomorph	48	3000	<LOQ	Spinosad	30	3000	<LOQ
Ethoprophos	30	100	<LOQ	Spiromesifen	30	3000	<LOQ
Etofenprox	30	100	<LOQ	Spirotetramat	30	3000	<LOQ
Etoxazole	30	1500	<LOQ	Spiroxamine	30	100	<LOQ
Fenhexamid	10	3000	<LOQ	Tebuconazole	30	1000	<LOQ
Fenoxycarb	30	100	<LOQ	Thiacloprid	30	100	<LOQ
Fenpyroximate	30	2000	<LOQ	Thiamethoxam	30	1000	<LOQ
Fipronil	30	100	<LOQ	Trifloxystrobin	30	3000	<LOQ
Fonicamid	30	2000	<LOQ				

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result	Analyte	LOQ (ppm)	Action Level (ppm)	Result
1,1-Dichloroethene	0.16	8	<LOQ	Heptane	1.39	5000	<LOQ
1,2-Dichloroethane	0.04	5	<LOQ	Hexane	1.17	290	<LOQ
Acetone	2.08	5000	Passed	Isopropyl alcohol	1.39	500	Passed
Acetonitrile	1.17	410	<LOQ	Methanol	0.69	3000	Passed
Benzene	0.02	2	<LOQ	Methylene chloride	2.43	600	<LOQ
Butanes	2.5	2000	<LOQ	Pentane	2.08	5000	<LOQ
Chloroform	0.04	60	<LOQ	Propane	5.83	2100	<LOQ
Ethanol	2.78	5000	Passed	Toluene	2.92	890	<LOQ
Ethyl Acetate	1.11	5000	<LOQ	Total Xylenes	2.92	2170	<LOQ
Ethyl Ether	1.39	5000	<LOQ	Trichloroethylene	0.49	80	<LOQ
Ethylene Oxide	0.1	5	<LOQ				

Heavy Metals

Specimen Weight: 248.400 mg

Passed
(ICP-MS)

Dilution Factor: 201

Analyte	LOQ (ppb)	Action Level (ppb)	Result	Analyte	LOQ (ppb)	Action Level (ppb)	Result
Arsenic (As)	100	1500	<LOQ	Lead (Pb)	100	500	<LOQ
Cadmium (Cd)	100	500	<LOQ	Mercury (Hg)	100	3000	<LOQ

Listeria Monocytogenes

Specimen Weight: 1012.920 mg

Passed
(qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

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Lab Toxicologist

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