



DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Mind & Body Naturals
765 W 1800 N
SUITE A103
LOGAN, UTAH 84321

Batch # VANM15A1222
Batch Date: 2022-12-15
Extracted From: Isolate Used

Sampling Method: MSP 7.3.1
Test Reg State: Utah

Production Facility: Mind & Body Naturals
Production Date: 2022-12-15

Order # MIN221220-050001
Order Date: 2022-12-20
Sample # AADW981

Sampling Date: 2022-12-27
Lab Batch Date: 2022-12-27
Completion Date: 2023-01-04

Initial Gross Weight: 52.217 g
Net Weight: 13.831 g

Number of Units: 1
Net Weight per Unit: 13831.000 mg



Potency Tested
 Heavy Metals Passed
 Mycotoxins Passed
 Pesticides Passed
 Residual Solvents Passed

Pathogenic Microbiology Passed
 Listeria Monocytogenes Passed

Delta 8/Delta 10 Potency 13 - (LCUV)

Tested SOP13.052 (LCUV)

Specimen Weight: 98.760 mg

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	5.40E-5	0.0015	155.710	15.571
CBN	1.40E-5	0.0015	38.230	3.823
CBDV	6.50E-5	0.0015	0.570	0.057
CBC	1.80E-5	0.0015	<LOQ	<LOQ
CBDA	1.00E-5	0.0015	<LOQ	<LOQ
CBG	2.48E-4	0.0015	<LOQ	<LOQ
CBGA	8.00E-5	0.0015	<LOQ	<LOQ
Delta-10 THC	3.00E-6	0.0015	<LOQ	<LOQ
Delta-8 THC	2.60E-5	0.0015	<LOQ	<LOQ
Delta-9 THC	1.30E-5	0.1	<LOQ	<LOQ
Delta6a10a-THC	8.47E-5	0.0015	<LOQ	<LOQ
THCA-A	3.20E-5	0.0015	<LOQ	<LOQ
THCV	7.00E-6	0.0015	<LOQ	<LOQ

Potency Summary

Total Delta 8 None Detected	Total Delta 10 None Detected
Total Active THC None Detected	Total Active CBD 15.571% 2,153.630
Total CBG None Detected	Total CBN 3.823% 528.760mg
Other Cannabinoids 0.057% 7.880mg	Total Cannabinoids 19.451% 2,690.270

Mycotoxin - Utah

Specimen Weight: 250.700 mg

Dilution Factor: 5.980

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	12	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					

Passed SOP13.007 (LCMS)

Pathogenic Microbiology SAE (MicroArray)

Passed SOP13.019 (Micro Array)

Specimen Weight: 1041.900 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

Xueli Gao
Ph.D., DABT
Lab Toxicologist

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



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 10%

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Order # MIN221220-050001
Order Date: 2022-12-20
Sample # AADW981

Sampling Date: 2022-12-27
Lab Batch Date: 2022-12-27
Completion Date: 2023-01-04

Initial Gross Weight: 52.217 g
Net Weight: 13.831 g

Number of Units: 1
Net Weight per Unit: 13831.000 mg

Pesticides (UT Levels)

Specimen Weight: 250.700 mg

Passed
SOP13.007
(LCMS/GCMS)

Listeria Monocytogenes

Specimen Weight: 990.200 mg

Passed
SOP13.032
(qPCR)

Dilution Factor: 5.980

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	500	<LOQ	Fludioxonil	1.7400E+0	30	400	<LOQ
Acephate	2.3000E-2	30	400	<LOQ	Hexythiazox	4.9000E-2	30	1000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Imazalil	2.4800E-1	30	200	<LOQ
Acetamiprid	5.2000E-2	30	200	<LOQ	Imidacloprid	9.4000E-2	30	400	<LOQ
Aldicarb	2.6000E-2	30	400	<LOQ	Kresoxim Methyl	4.2000E-2	30	400	<LOQ
Azoxystrobin	8.1000E-2	10	200	<LOQ	Metalaxyl	8.1000E-2	10	200	<LOQ
Bifenazate	1.4150E+0	30	200	<LOQ	Methiocarb	2.2000E-2	30	200	<LOQ
Bifenthrin	4.3000E-2	30	200	<LOQ	Methomyl	2.2000E-2	30	400	<LOQ
Boscalid	5.5000E-2	30	400	<LOQ	MKG-264		48	200	<LOQ
Carbaryl	2.2000E-2	10	200	<LOQ	Myclobutanil	1.0290E+0	30	200	<LOQ
Carbofuran	3.4000E-2	30	200	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlorantraniliprole	3.3000E-2	30	200	<LOQ	Oxamyl	2.5000E-2	30	1000	<LOQ
Chlorfenapyr	8.0000E-2	48	1000	<LOQ	Pacllobutrazol	6.5000E-2	30	400	<LOQ
Chlorpyrifos	3.5000E-2	30	200	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Clofentezine	1.1900E-1	30	200	<LOQ	Piperonylbutoxide	2.9000E-2	30	2000	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Prallethrin	7.9800E-1	30	200	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Propiconazole	7.0000E-2	30	400	<LOQ
Daminozide	8.8500E-1	30	1000	<LOQ	Propoxur		30	200	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	200	<LOQ
Dimethoate	2.1000E-2	30	200	<LOQ	Spinosad	8.8000E-2	30	200	<LOQ
Ethoprofos	3.6000E-1	30	200	<LOQ	Spiromesifen	2.6100E-1	30	200	<LOQ
Etofenprox	1.1600E-1	30	400	<LOQ	Spirotetramat	8.9000E-2	30	200	<LOQ
Etoxazole	1.1600E-1	30	200	<LOQ	Spiroxamine	1.3100E-1	30	400	<LOQ
Fenoxycarb	1.0700E-1	30	200	<LOQ	Tebuconazole	6.7000E-2	30	400	<LOQ
Fenpyroximate	1.3800E-1	30	400	<LOQ	Thiacloprid	6.4000E-2	30	200	<LOQ
Fipronil	1.0700E-1	30	400	<LOQ	Thiamethoxam	5.0000E-2	30	200	<LOQ
Fonicamid	5.1700E-1	30	1000	<LOQ	Trifloxystrobin	3.7000E-2	30	200	<LOQ

Dilution Factor: 1.000

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

Heavy Metals (For UT Clients ONLY)

Specimen Weight: 253.260 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 197.426

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	.014	100	2000	<LOQ	Lead (Pb)	.006	100	1200	<LOQ
Cadmium (Cd)	.002	100	820	<LOQ	Mercury (Hg)	.014	100	400	<LOQ

Xueli Gao
Xueli Gao Lab Toxicologist
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Aixia Sun
Aixia Sun Lab Director/Principal Scientist
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Number of Units: 1
Net Weight per Unit: 13831.000 mg

Residual Solvents (For UT Clients ONLY)

Passed
SOP13.039 (GCMS)

Specimen Weight: 304.900 mg

Dilution Factor: 50.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,2 Dimethoxyethane	.004	6.4	100	<LOQ	Dimethyl sulfoxide	.001	6.4	5000	<LOQ
1,4 Dioxane	.0022	8	380	<LOQ	Ethanol	.0044	16	5000	<LOQ
1-Butanol	.0103	6.4	5000	<LOQ	Ethyl Acetate	.0017	6.4	5000	<LOQ
1-Pentanol	.0103	0.32	5000	<LOQ	Ethyl Ether	.0004	8	5000	<LOQ
1-Propanol	.003	8	5000	<LOQ	Ethylene glycol	.0013	6.4	620	<LOQ
2,2-dimethylbutane	.0016	12	290	<LOQ	Ethylene Oxide		0.32	50	<LOQ
2,3-dimethylbutane	.0011	26.668	290	<LOQ	Heptane	.002	8	5000	<LOQ
2-Butanol	.0002	8	5000	<LOQ	Isopropyl acetate	.0012	8	5000	<LOQ
2-Ethoxyethanol	.0013	4	160	<LOQ	Methanol	.0021	4	3000	<LOQ
2-methylbutane	.0108	2	5000	<LOQ	Methylpropane	.0366	2	5000	<LOQ
2-Methylpentane	.0108	6.4	290	<LOQ	NN-dimethylacetamide	.0229	6.4	1090	<LOQ
2-Propanol (IPA)	.111	6.4	5000	<LOQ	NN-dimethylformamide	.005	0.132	880	<LOQ
3-Methylpentane	.0108	2.4	290	<LOQ	n-Hexane		0.8	290	<LOQ
Acetone	.0009	12	5000	<LOQ	Pentane	.0167	12	5000	58.589
Acetonitrile	.0011	0.96	410	<LOQ	Propane	.0849	26.668	5000	<LOQ
Benzene	.0003	0.016	2	<LOQ	Pyridine	.0014	6.4	100	<LOQ
Butane	.0028	13.32	5000	<LOQ	Sulfolane	.0518	6.4	160	<LOQ
Cumene	.0002	0.032	70	<LOQ	Tetrahydrofuran	.0006	6.4	720	<LOQ
Cyclohexane	.0024	0.032	3880	<LOQ	Toluene	.0003	2.4	890	<LOQ
Dichloromethane	.0006	0.8	600	<LOQ	Total Xylenes	.0002	7.2	1000	<LOQ

Xueli Gao
Xueli Gao Lab Toxicologist
Ph.D., DABT

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