



Certificate of Analysis

R&D

Client Information:

Montana Extraction Company LLC
610 Blacktail Rd
Lakeside, Montana 59922

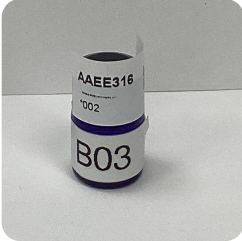
Batch # 002
Batch Date: 2023-03-06
Extracted From: 3-1-23

Test Reg State: Florida

Order # MON230306-030001
Order Date: 2023-03-06
Sample # AAEE316

Sampling Date: 2023-03-09
Lab Batch Date: 2023-03-09
Completion Date: 2023-03-16

Initial Gross Weight: 6.059 g



Product Image



Terpenes
Tested



Flavonoids
Tested

Terpenes
Specimen Weight: 42.800 mg

Dilution Factor: 2000.000

Analyte	LOQ (%)	Result (mg/g)	(%)
beta-Pinene	0.002	651.800	65.180
(R)-(+)-Limonene	0.002	109.245	10.924
trans-Caryophyllene	0.002	81.769	8.177
alpha-Pinene	0.002	63.429	6.343
beta-Myrcene	0.002	32.442	3.244
alpha-Humulene	0.002	20.012	2.001
Farnesene	0.002	10.699	1.070
Fenchyl Alcohol	0.002	8.654	0.865
Valencene	0.002	6.195	0.620
Linalool	0.002	4.838	0.484
Camphene	0.002	2.940	0.294
Total Terpeneol	0.00126	1.711	0.171
Caryophyllene oxide	0.002	1.682	0.168
Terpinolene	0.002	1.613	0.161
Eucalyptol	0.002	1.416	0.142
Guaiol	0.002	1.239	0.124
Ocimene	0.00033	0.216	0.022
(+)-Cedrol	0.002	<LOQ	
3-Carene	0.002	<LOQ	

Tested
SOP13.045 (GC/GCMS)

Analyte	LOQ (%)	Result (mg/g)	(%)
alpha-Bisabolol	0.002	<LOQ	
alpha-Cedrene	0.002	<LOQ	
alpha-Phellandrene	0.002	<LOQ	
alpha-Terpinene	0.002	<LOQ	
Borneol	0.004	<LOQ	
Camphors	0.006	<LOQ	
cis-Nerolidol	0.002	<LOQ	
Fenchone	0.002	<LOQ	
Gamma-Terpinene	0.002	<LOQ	
Geraniol	0.002	<LOQ	
Geranyl acetate	0.002	<LOQ	
Hexahydrothymol	0.002	<LOQ	
Isobomeol	0.002	<LOQ	
Isopulegol	0.002	<LOQ	
Nerol	0.002	<LOQ	
Pulegone	0.002	<LOQ	
Sabinene	0.002	<LOQ	
Sabinene Hydrate	0.002	<LOQ	
trans-Nerolidol	0.002	<LOQ	

Terpenes Summary

Analyte	Result (mg/g)	(%)
beta-Pinene	651.8	65.18%
(R)-(+)-Limonene	109.245	10.924%
trans-Caryophyllene	81.769	8.177%
alpha-Pinene	63.429	6.343%
beta-Myrcene	32.442	3.244%
alpha-Humulene	20.012	2.001%
Farnesene	10.699	1.07%
Fenchyl Alcohol	8.654	0.865%
Valencene	6.195	0.62%
Linalool	4.838	0.484%
Camphene	2.94	0.294%
Total Terpeneol	1.711	0.171%
Caryophyllene oxide	1.682	0.168%
Terpinolene	1.613	0.161%
Eucalyptol	1.416	0.142%
Guaiol	1.239	0.124%
Ocimene	0.216	0.022%

Total Terpenes: 99.990%

Detailed Terpenes Analysis is on the following page

Flavonoids Summary

Analyte	Result (ppm)
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Total Flavonoids: 0.000ppm

Detailed Flavonoids Analysis is on one of the following pages

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



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 THC = THC + (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, Total THCP = Delta8-THCP + Delta9-THCP, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta8-THC + Delta9-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate + Total THCP. (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, Passed - Analyte/microbe is non-detected or at the level below the action limit, Failed - Analyte/microbe is at the level that equal or above the action limit

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Completion Date: 2023-03-16

Initial Gross Weight: 6.059 g

Flavonoids
Specimen Weight: 20.700 mg

Tested
SOP13.011
(LCMS)

Dilution Factor: 10.000

Analyte	Dilution (1:n)	LOQ (ppm)	Result (ppm)	Analyte	Dilution (1:n)	LOQ (ppm)	Result (ppm)
Apigenin	0.100	4	<LOQ	Kaempferol	0.100	1	<LOQ
Baicalin	0.100	8	<LOQ	Luteolin	0.100	2.5	<LOQ
beta sitosterol	0.100	5	<LOQ	Orientin	0.100	5	<LOQ
Cannflavin A	0.100	3.91	<LOQ	Pelargonidin-3-O-glucoside	0.100	11.56	<LOQ
Cannflavin B	0.100	4.84	<LOQ	Quercetin	0.100	2.23	<LOQ
Cannflavin C	0.100	2.36	<LOQ	Rutin	0.100	7.81	<LOQ
Chrysin	0.100	2.5	<LOQ	Vitexin	0.100	4	<LOQ
Fisetin	0.100	5	<LOQ	Wogonin	0.100	0.5	<LOQ

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



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