Certificate of Analysis

Mason Bee

Bee's Knees

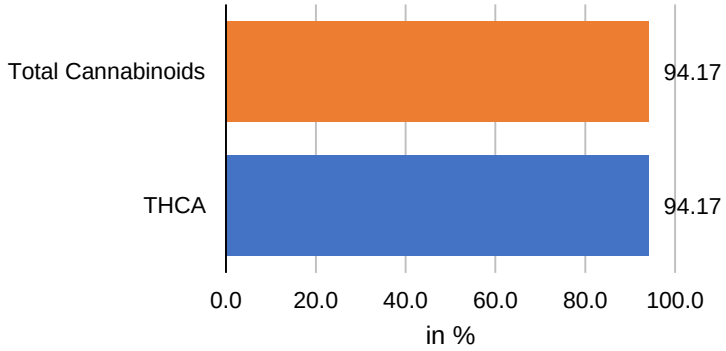
3168 S 108th E Ave, Tulsa OK 74146

ORDER INFORMATION	
Sample Name	**Mason Bee**
Source Batch ID	Mason Bee
Tag #	n/a
Batch Name	Mason Bee
Matrix Type	Concentrates & Extracts
Harvest Date	6/24/2024
Date Received	6/24/2024
OMMA Lic.	N/A: Hemp-Derived Product
Sample Amount	4 g
Sample ID	AL-06242024-13776

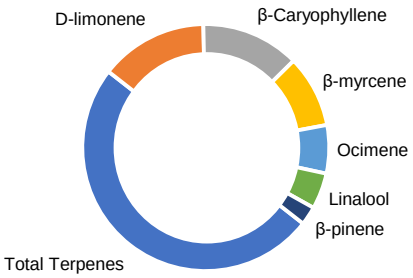
THC: 82.58% ; THCA: 94.17%

Overall Result: PASS

Total Cannabinoids: 94.17%
Total CBD: ND



Total Terpenes: 9.00 mg/g



This is a Hemp-Derived Product. See Pg. 4 for details

Test	Pass / Fail
Contaminants & Filth	PASS
Heavy Metals	PASS
Microbials	PASS
Moisture Content	NT
Mycotoxins	PASS
Pesticides	PASS
Residual Solvents & Chemicals	PASS
Water Activity	NT

Vadim Yerokhin, PhD

Digitally signed by Vadim Yerokhin, PhD

For Notes and Abbreviations, please see the last page of this report.

Potency Analysis

Method: AL-SOP-9 using HPLC-DAD

Analyte	Test Type	LOQ (mg/g)	Result (%/w)	PPM	mg/g
CBC	Quantitative	2.4	ND	ND	ND
CBD	Quantitative	2.4	ND	ND	ND
CBDA	Quantitative	2.4	ND	ND	ND
CBDV	Quantitative	2.4	ND	ND	ND
CBG	Quantitative	2.4	ND	ND	ND
CBGA	Quantitative	2.4	ND	ND	ND
CBL	Quantitative	2.4	ND	ND	ND
CBN	Quantitative	2.4	ND	ND	ND
Δ8THC	Quantitative	2.4	ND	ND	ND
Δ9THC	Quantitative	2.4	ND	ND	ND
THCA	Quantitative	2.4	94.166	941,663	941.66
THCV	Quantitative	2.4	ND	ND	ND
Total Cannabinoids			**94.166**	**941,663**	**941.66**

(Analysis completed on Jun 26, 2024)

Terpenoid Screening

Method: AL-SOP-10 using GC-FID

Analyte	Test Type	LOQ (mg/g)	Result (%/w)	PPM	mg/g
β-pinene	Quantitative	0.32	0.044	439	0.44
Linalool	Quantitative	0.32	0.085	851	0.85
Ocimene	Quantitative	0.32	0.114	1,140	1.14
β-myrcene	Quantitative	0.32	0.170	1,704	1.70
β-Caryophyllene	Quantitative	0.32	0.232	2,322	2.32
D-limonene	Quantitative	0.32	0.254	2,543	2.54
α-pinene	Quantitative	0.32	<LOQ	<LOQ	<LOQ
Camphene	Quantitative	0.32	<LOQ	<LOQ	<LOQ
δ-3-Carene	Quantitative	0.32	<LOQ	<LOQ	<LOQ
Terpinolene	Quantitative	0.32	<LOQ	<LOQ	<LOQ
(-)-α-Bisabolol	Quantitative	0.32	ND	ND	ND
α-humulene	Quantitative	0.32	ND	ND	ND
α-terpinene	Quantitative	0.32	ND	ND	ND
Caryophyllene Oxide	Quantitative	0.32	ND	ND	ND
cis-nerolidol	Quantitative	0.32	ND	ND	ND
Eucalyptol	Quantitative	0.32	ND	ND	ND
Geraniol	Quantitative	0.32	ND	ND	ND
Guaiol	Quantitative	0.32	ND	ND	ND
(-)-isopulegol	Quantitative	0.32	ND	ND	ND
P-cymene	Quantitative	0.32	ND	ND	ND
Trans-nerolidol	Quantitative	0.32	ND	ND	ND
γ-terpinene	Quantitative	0.32	ND	ND	ND
γ-terpinene	Quantitative	0.32	ND	ND	ND
Total Terpenes			**0.900**	**8,998**	**9.00**

(Analysis completed on Jun 27, 2024)

Foreign Materials

Method: Micro & Macroscopic Examination in acc. with AL-SOP-3 using an electronic microscope

Analyte	Test Type	Notes	Result	Pass / Fail
Chemical & Bio Contaminants	Qualitative		ND	PASS
Foreign Materials	Qualitative		ND	PASS
Inorganic Material	Qualitative		ND	PASS
Organic Material	Qualitative		ND	PASS
Final Result				**PASS**

(Analysis completed on Jul 01, 2024)

Microbiological Screening

Method: AL-SOP-07 & AL-SOP-08 using qPCR or Culture

Analyte	Test Type	Reporting Limit (CFUs)	Result (CFUs/g)	Pass / Fail
Aspergillus spp. (A. flavus)	P/A	1	ND	PASS
Aspergillus spp. (A. fumigatus)	P/A	1	ND	PASS
Aspergillus spp. (A. niger)	P/A	1	ND	PASS
Aspergillus spp. (A. terreus)	P/A	1	ND	PASS
Salmonella (CFU/g)	P/A	1	ND	PASS
STEC (CFU/g)	P/A	1	ND	PASS
Total Yeasts & Molds	Q	10,000	ND	PASS
Final Result				**PASS**

(Analysis completed on Jun 27, 2024)

Mycotoxins

Method: AL-SOP-12 & AL-SOP-14 using LC-MS/MS

Analyte	Test Type	Reporting Limit (PPB)	LOQ (PPB)	Result (PPB)	Pass / Fail
Aflatoxins (Total)	Quantitative	20	20	ND	PASS
Ochratoxin A	Quantitative	20	20	ND	PASS
Final Result					**PASS**

(Analysis completed on Jun 26, 2024)

Pesticides

Method: AL-SOP-12 & AL-SOP-14 using LC-MS/MS

Analyte	Test Type	Reporting Limit (PPM)	LOQ (PPM)	Result (PPM)	Pass / Fail
Abamectin (avermectin B1a & B1b)	Quantitative	0.50	0.02	ND	PASS
Azoxystrobin	Quantitative	0.20	0.02	ND	PASS
Bifenazate	Quantitative	0.20	0.02	ND	PASS
Etoxazole	Quantitative	0.20	0.02	ND	PASS
Imazalil	Quantitative	0.20	0.02	ND	PASS
Imidacloprid	Quantitative	0.40	0.02	ND	PASS
Malathion	Quantitative	0.20	0.02	ND	PASS
Myclobutanil	Quantitative	0.20	0.02	ND	PASS
Permethrin (Mixture of Isomers)	Quantitative	0.20	0.02	ND	PASS
Spinosad (Mixture of A & D)	Quantitative	0.20	0.02	ND	PASS
Spiromesifen	Quantitative	0.20	0.02	<LOQ	PASS
Spirotetramat	Quantitative	0.20	0.02	ND	PASS
Tebuconazole	Quantitative	0.40	0.02	ND	PASS
Final Result					**PASS**

(Analysis completed on Jun 26, 2024)

Heavy Metals

Method: AL-SOP-15 using ICP-MS

Analyte	Test Type	Reporting Limit (PPM)	LOQ (PPM)	Result (PPM)	Pass / Fail
Arsenic (As)	Quantitative	0.20	0.030	ND	PASS
Cadmium (Cd)	Quantitative	0.20	0.030	ND	PASS
Lead (Pb)	Quantitative	0.50	0.030	ND	PASS
Mercury (Hg)	Quantitative	0.10	0.030	ND	PASS
Final Result					**PASS**

(Analysis completed on Jun 27, 2024)

Residual Solvents

Method: AL-SOP-11 using GC-FID

Analyte	Test Type	Reporting Limit (PPM)	LOQ (PPM)	Result (PPM)	Pass / Fail
Acetone	Quantitative	1000	200	ND	PASS
Benzene	Quantitative	2	2	ND	PASS
Butanes	Quantitative	1000	200	ND	PASS
Ethanol	Quantitative	5000	200	ND	PASS
Ethyl Acetate	Quantitative	1000	200	ND	PASS
Heptanes	Quantitative	1000	200	ND	PASS
Hexane	Quantitative	60	25	ND	PASS
Isopropyl Alcohol	Quantitative	1000	200	ND	PASS
Methanol	Quantitative	600	25	ND	PASS
Pentane	Quantitative	1000	200	<LOQ	PASS
Propane	Quantitative	1000	200	ND	PASS
Toluene	Quantitative	180	25	ND	PASS
Total Xylenes (m|p|o-xylenes)	Quantitative	430	25	ND	PASS
Final Result					**PASS**

(Analysis completed on Jul 08, 2024)

Note: Product Tested Outside of its final packaging

Abbreviations: NT: Not Tested; BD: Below Detection Limit; ND: Not Detected; NA: Not Applicable; TBI: To be issued; P/A: Presence/Absence (detection for microbials); Q: Quantitative (test type); <LOQ: below limit of quantitation*; >ULOQ: greater than the upper limit of quantitation; COA: Certificate of Analysis.
The client represents and warrants that the submitted samples do not fall under the jurisdiction of cannabis-relatedregulations and are not within the jurisdiction of the Oklahoma Hemp Act. Furthermore, the client warrants that all hemp-derived samples are in compliance with all applicable federal, state, and local laws and regulations concerning cultivation, production, and distribution of hemp-derived products.

Notes: The results presented in this COA are based on the sample ID as stated on each page and are based on this sample as it was received and analyzed and should not be used to represent other samples. Results apply only to the sample analyzed at the laboratory. Analysis for potency is reported as % by weight as follows: THC = Available THC, calculated as THC = Δ9THC + (THCA x 0.877). CBD was calculated similarly (CBD = CBD + (CBDAx0.877) Total Cannabinoid content was calculated using the sum of the cannabinoids detected in sample. Note: If cannabinoid analytes required for calculations were below the limit of quantification, they were treated as absent for the purposes of the calculations. All potency for flower reported in dry weight.This laboratory's liability is limited to the cost of this analysis. The laboratory is not liable for direct, indirect, incidental, consequential or other damages resulting from the use or interpretation of the results.

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