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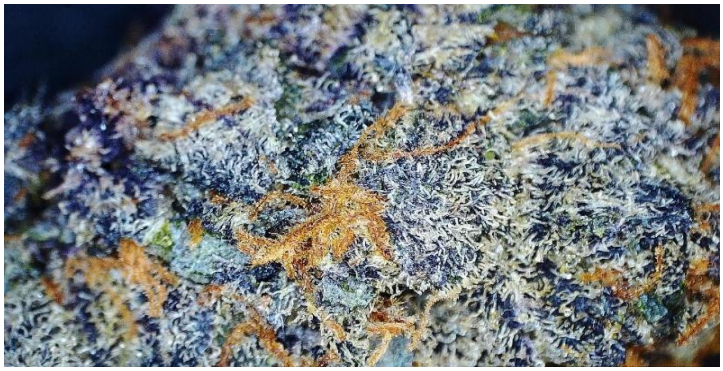
PJLA Testing Accreditation #108747

Certificate of Analysis
Lemon Pine Mentz

Agape Co-Op LLC
6010 Wildwood Dr, Sand Springs, OK 74063

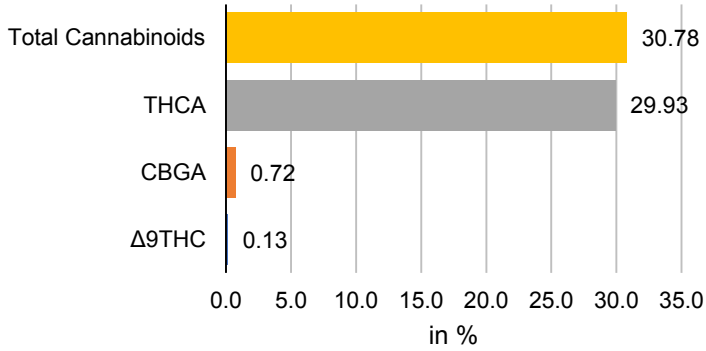


ORDER INFORMATION	
Sample Name	**Lemon Pine Mentz**
Source Batch ID	1A40E010000307D000001716
Tag #	1A40E010000307D000001717
Batch Name	LPM 2/25
Matrix Type	Flower & Buds
Harvest Date	2/25/2025
Date Received	3/7/2025
OMMA Lic.	GAAI-CDCE-VIZH
Sample Amount	7 g
Sample ID	AL-03072025-17779

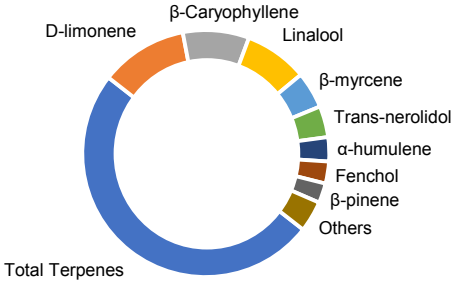
THC: 26.38%

Overall Result: PASS

Total Cannabinoids: 30.78%
Total CBD: ND



Total Terpenes: 30.28 mg/g



Requested METRC Test: Raw Plant Material

Test	Pass / Fail
Contaminants & Filth	PASS
Heavy Metals	PASS
Microbials	PASS
Moisture Content	13.99%
Mycotoxins	NT
Pesticides	PASS
Residual Solvents & Chemicals	NT
Water Activity	0.32 Aw

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

Annie Poczynek

Annie Poczynek, B.Sci. - Lead Analyst

Laboratory OMMA Lic #: LAAA-MOXZ-FQ1G
12211 E 52nd St, Suite 306, Tulsa, OK 74146

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(918) 924-5164

Potency Analysis

Method: AL-SOP-9 using HPLC-DAD

Analyte	Test Type	LOQ (mg/g)	Result (%/w)	PPM	mg/g
CBC	Quantitative	1.2	ND	ND	ND
CBD	Quantitative	1.2	ND	ND	ND
CBDA	Quantitative	1.2	ND	ND	ND
CBDV	Quantitative	1.2	ND	ND	ND
CBG	Quantitative	1.2	ND	ND	ND
CBGA	Quantitative	1.2	0.724	7,239	7.24
CBL	Quantitative	1.2	ND	ND	ND
CBN	Quantitative	1.2	ND	ND	ND
Δ8THC	Quantitative	1.2	ND	ND	ND
Δ9THC	Quantitative	1.2	0.126	1,256	1.26
THCA	Quantitative	1.2	29.931	299,313	299.31
THCV	Quantitative	1.2	ND	ND	ND
THCVA	Quantitative	1.2	ND	ND	ND
Total Cannabinoids			**30.781**	**307,808**	**307.81**

(Analysis completed on Mar 11, 2025)

Terpenoid Screening

Method: AL-SOP-10 using GC-FID

Analyte	Test Type	LOQ (mg/g)	Result (%/w)	PPM	mg/g
Camphene	Quantitative	0.08	0.034	341	0.34
(-)-α-Bisabolol	Quantitative	0.08	0.095	951	0.95
α-pinene	Quantitative	0.08	0.116	1,163	1.16
β-pinene	Quantitative	0.08	0.157	1,567	1.57
Fenchol	Quantitative	0.08	0.174	1,744	1.74
α-humulene	Quantitative	0.08	0.192	1,920	1.92
Trans-nerolidol	Quantitative	0.08	0.247	2,473	2.47
β-myrcene	Quantitative	0.08	0.291	2,905	2.91
Linalool	Quantitative	0.08	0.502	5,022	5.02
β-Caryophyllene	Quantitative	0.08	0.525	5,255	5.25
D-limonene	Quantitative	0.08	0.694	6,938	6.94
α-terpinene	Quantitative	0.08	ND	ND	ND
δ-3-Carene	Quantitative	0.08	ND	ND	ND
Caryophyllene Oxide	Quantitative	0.08	ND	ND	ND
cis-nerolidol	Quantitative	0.08	ND	ND	ND
Eucalyptol	Quantitative	0.08	ND	ND	ND
Geraniol	Quantitative	0.08	ND	ND	ND
Guaiol	Quantitative	0.08	ND	ND	ND
(-)-isopulegol	Quantitative	0.08	ND	ND	ND
Ocimene	Quantitative	0.08	ND	ND	ND
P-cymene	Quantitative	0.08	ND	ND	ND
Terpinolene	Quantitative	0.08	ND	ND	ND
γ-terpinene	Quantitative	0.08	ND	ND	ND
γ-terpinene	Quantitative	0.08	ND	ND	ND
Total Terpenes			**3.028**	**30,281**	**30.28**

(Analysis completed on Mar 11, 2025)

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 Mar 07, 2025)

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 Mar 09, 2025)

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	0.10	ND	PASS
Azoxystrobin	Quantitative	0.20	0.10	ND	PASS
Bifenazate	Quantitative	0.20	0.10	ND	PASS
Etoxazole	Quantitative	0.20	0.10	ND	PASS
Imazalil	Quantitative	0.20	0.10	ND	PASS
Imidacloprid	Quantitative	0.40	0.10	ND	PASS
Malathion	Quantitative	0.20	0.10	ND	PASS
Myclobutanil	Quantitative	0.20	0.10	ND	PASS
Permethrin (Mixture of Isomers)	Quantitative	0.20	0.10	ND	PASS
Spinosad (Mixture of A & D)	Quantitative	0.20	0.10	ND	PASS
Spiromesifen	Quantitative	0.20	0.10	ND	PASS
Spirotetramat	Quantitative	0.20	0.10	ND	PASS
Tebuconazole	Quantitative	0.40	0.10	ND	PASS
Final Result					**PASS**

(Analysis completed on Mar 11, 2025)

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	0.080	ND	PASS
Cadmium (Cd)	Quantitative	0.20	0.080	ND	PASS
Lead (Pb)	Quantitative	0.50	0.080	ND	PASS
Mercury (Hg)	Quantitative	0.10	0.040	ND	PASS
Final Result					**PASS**

(Analysis completed on Mar 12, 2025)

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

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 = ∆9THC + (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, metals and pesticides 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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