



CERTIFICATE OF ANALYSIS

REPORTED: DEC 11, 2025

SAMPLE: 1G FULL SPECTRUM SYRINGE (CONCENTRATE) // CLIENT: ROLLING PINES // BATCH: PASS



SAMPLE: 1G FULL SPECTRUM SYRINGE
BATCH NO.: 1A4230100007851000001051
MATRIX: CONCENTRATE
CATEGORY: SOLVENT BASED CONCENTRATE/EXTRACT
METRC ID: 1A4230100007851000001061
METRC BATCH ID: 1A4230100007851000001051
INTERNAL SAMPLE ID: AAL-251205-009
TEST COMPLETION DATE: DEC 11, 2025
COLLECTED ON: DEC 05, 2025
BATCH/SAMPLE SIZE: 944 UNITS / 10 UNITS

CANNABINOID OVERVIEW

TOTAL THC: 60 %

TOTAL CBD: 0.116 %

TOTAL CANNABINOID: 69.252 %

MANUFACTURER INFO

MANUFACTURER
 ROLLING PINES
 2672A LOWER CENTERVILLE RD
 LIBERTY, MS 39645

LICENSE
 MCUL002757
 MEDICINAL - CULTIVATION FACILITY

BATCH RESULT: PASS

POTENCY	PASS	MYCOTOXINS	PASS
FOREIGN	PASS	PESTICIDES	PASS
METALS	PASS	SOLVENTS	PASS
MICROBIAL	PASS	TERPENES	TESTED

AA-LAB-01: CANNABINOID PROFILE BY HPLC // DEC 08, 2025

ANALYTE	AMT (%)	AMT (mg/g)	LIMIT (%)	LOD/LOQ (mg/g)	PASS/FAIL
CBC	5.709	57.09	N/A	0.090/0.280	N/A
CBCA	ND	ND	N/A	0.150/0.480	N/A
CBD	0.116	1.16	N/A	0.190/0.400	N/A
CBDA	ND	ND	N/A	0.130/0.400	N/A
CBDV	ND	ND	N/A	0.120/0.380	N/A
CBDVA	ND	ND	N/A	0.100/0.320	N/A
CBG	2.732	27.32	N/A	0.080/0.260	N/A
CBGA	ND	ND	N/A	0.110/0.340	N/A
CBN	0.346	3.46	N/A	0.110/0.340	N/A

ANALYTE	AMT (%)	AMT (mg/g)	LIMIT (%)	LOD/LOQ (mg/g)	PASS/FAIL
Δ ⁸ -THC	ND	ND	N/A	0.210/0.700	N/A
Δ ⁸ -THCA	ND	ND	N/A	0.110/0.350	N/A
Δ ⁸ -THCV	ND	ND	N/A	0.090/0.300	N/A
Δ ⁹ -THC	59.587	595.87	N/A	0.170/0.540	N/A
THCA	0.497	4.97	N/A	0.100/0.320	N/A
THCV	0.326	3.26	N/A	0.140/0.440	N/A
THCVA	< LOQ	< LOQ	N/A	0.100/0.300	N/A
TOTAL THC**	60.000	600.00	60.5		PASS
TOTAL CBD**	0.116	1.16	N/A		N/A

** TOTAL THC = (THCA X 0.877) + DELTA-9-THC

** TOTAL CBD = (CBDA X 0.877) + CBD

TOTAL CANNABINOID = (CANNABINOID ACID FORM CONCENTRATION X 0.877) + CANNABINOID CONCENTRATION

RESULTS CERTIFIED BY: BRANDI GOODMAN
 LAB DIRECTOR, ALCHEMY ANALYTICS, LLC

DEC 11, 2025

All LQC samples required by the Mississippi Department of Health's (MSDH) regulations for Cannabis Testing Facilities were performed and met the MSDH's defined acceptance criteria. Notwithstanding this compliance, this information is provided as a service, and Alchemy makes no claims of efficacy and/or safety of this product. The results provided are applicable only for the sample(s) analyzed; in the form analyzed; for the specific analysis conducted; and only for compliance with the Mississippi Medical Cannabis Act, Miss. Code Ann. § 41-137-35, et. seq. The statements and results provided in this report have not been approved and/or endorsed by the FDA. Thus, this report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms. Measurement Uncertainty is available upon request. Unless otherwise stated; Decision Rules are following the Mississippi Medical Cannabis Act, Miss. Code Ann. § 41-137-35, et. seq. regulations. This report should only be reproduced in full.



AA-LAB-04: TERPENOID PROFILE BY GC/MSD // DEC 10, 2025

ANALYTE	AMT (%)	AMT (mg/g)	LIMIT (%)	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	1.836	18.36	N/A		N/A
β -CARYOPHYLLENE	0.866	8.66	N/A	0.157/0.475	N/A
LINALOOL	0.262	2.62	N/A	0.078/0.235	N/A
α -HUMULENE	0.247	2.47	N/A	0.105/0.318	N/A
α -BISABOLOL	0.106	1.06	N/A	0.086/0.262	N/A
α -TERPINEOL	0.098	0.98	N/A	0.140/0.425	N/A
ENDO FENCHYL ALCOHOL	0.078	0.78	N/A	0.049/0.148	N/A
GUAIOL	0.062	0.62	N/A	0.072/0.217	N/A
LIMONENE	0.061	0.61	N/A	0.042/0.127	N/A
CARYOPHYLLENE OXIDE	0.057	0.57	N/A	0.122/0.369	N/A
β -MYRCENE	< LOQ	< LOQ	N/A	0.078/0.236	N/A
α -CEDRENE	ND	ND	N/A	0.099/0.299	N/A
α -PHELLANDRENE	ND	ND	N/A	0.031/0.093	N/A
α -PINENE	ND	ND	N/A	0.034/0.104	N/A
α -TERPINENE	ND	ND	N/A	0.047/0.142	N/A
β -PINENE	ND	ND	N/A	0.042/0.127	N/A
BORNEOL	ND	ND	N/A	0.096/0.291	N/A
CAMPHENENE	ND	ND	N/A	0.034/0.101	N/A
CAMPHOR	ND	ND	N/A	0.042/0.128	N/A
CEDROL	ND	ND	N/A	0.070/0.211	N/A
CIS-NEROLIDOL	ND	ND	N/A	0.113/0.342	N/A
CIS-OCIMENE	ND	ND	N/A	0.037/0.113	N/A
Δ^3 -CARENE	ND	ND	N/A	0.117/0.355	N/A
EUCALYPTOL	ND	ND	N/A	0.039/0.118	N/A
FARNESENE	ND	ND	N/A	0.113/0.342	N/A
FENCHONE	ND	ND	N/A	0.053/0.160	N/A
γ -TERPINENE	ND	ND	N/A	0.060/0.182	N/A
GERANIOL	ND	ND	N/A	0.090/0.274	N/A
GERANYL ACETATE	ND	ND	N/A	0.075/0.228	N/A
ISOBORNEOL	ND	ND	N/A	0.090/0.273	N/A
ISOPULEGOL	ND	ND	N/A	0.128/0.387	N/A
MENTHOL	ND	ND	N/A	0.086/0.260	N/A
NEROL	ND	ND	N/A	0.077/0.233	N/A
PULEGONE	ND	ND	N/A	0.073/0.221	N/A
SABINENE	ND	ND	N/A	0.041/0.124	N/A
SABINENE HYDRATE	ND	ND	N/A	0.151/0.456	N/A
TERPINOLENE	ND	ND	N/A	0.050/0.151	N/A
TRANS-NEROLIDOL	ND	ND	N/A	0.108/0.327	N/A
TRANS-OCIMENE	ND	ND	N/A	0.036/0.108	N/A
VALENCENE	ND	ND	N/A	0.041/0.123	N/A

AA-LAB-07: MICROBIAL PROFILE // DEC 08, 2025

ANALYTE	AMT (CFU/g)	LIMIT (CFU/g)	PASS/FAIL
ASPERGILLUS FLAVUS	ND	Any amt in 1 gram	PASS
ASPERGILLUS FUMIGATUS	ND	Any amt in 1 gram	PASS
ASPERGILLUS NIGER	ND	Any amt in 1 gram	PASS
ASPERGILLUS TERREUS	ND	Any amt in 1 gram	PASS
COLIFORMS	ND	100	PASS
SALMONELLA SPP.	ND	Any amt in 1 gram	PASS
SHIGA TOXIN-PRODUCING E. COLI	ND	Any amt in 1 gram	PASS
YEAST & MOLD	1000.000	10000	PASS

AA-LAB-02, AA-LAB-03: MYCOTOXIN PROFILE BY LCMSTQ // DEC 11, 2025

ANALYTE	AMT (μ g/kg)	LIMIT (μ g/kg)	LOD/LOQ (μ g/kg)	PASS/FAIL
AFLATOXIN B1	ND	N/A	1.409/4.269	N/A
AFLATOXIN B2	ND	N/A	0.862/2.611	N/A
AFLATOXIN G1	ND	N/A	1.989/6.026	N/A
AFLATOXIN G2	ND	N/A	1.519/4.603	N/A
AFLATOXINS	ND	20		PASS
OCHRATOXIN A	ND	20	3.101/9.396	PASS

RESULTS CERTIFIED BY: BRANDI GOODMAN
LAB DIRECTOR, ALCHEMY ANALYTICS, LLC

DEC 11, 2025

Brandi Goodman

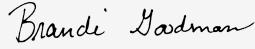
All LQC samples required by the Mississippi Department of Health's (MSDH) regulations for Cannabis Testing Facilities were performed and met the MSDH's defined acceptance criteria. Notwithstanding this compliance, this information is provided as a service, and Alchemy makes no claims of efficacy and/or safety of this product. The results provided are applicable only for the sample(s) analyzed; in the form analyzed; for the specific analysis conducted; and only for compliance with the Mississippi Medical Cannabis Act, Miss. Code Ann. § 41-137-35, et. seq. The statements and results provided in this report have not been approved and/or endorsed by the FDA. Thus, this report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms. Measurement Uncertainty is available upon request. Unless otherwise stated; Decision Rules are following the Mississippi Medical Cannabis Act, Miss. Code Ann. § 41-137-35, et. seq. regulations. This report should only be reproduced in full.

AA-LAB-02: PESTICIDE PROFILE BY LCMSTQ // DEC 11, 2025

ANALYTE	AMT (µg/g)	LIMIT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	ND	0.5	0.101/0.305	PASS
ACEPHATE	ND	0.4	0.033/0.099	PASS
ACEQUINOCYL	ND	2	0.015/0.046	PASS
ACETAMIPRID	ND	0.2	0.018/0.053	PASS
ALDICARB	ND	0.4	0.016/0.049	PASS
AZOXYSTROBIN	ND	0.2	0.017/0.052	PASS
BIFENAZATE	ND	0.2	0.019/0.056	PASS
BIFENTHRIN	ND	0.2	0.023/0.070	PASS
BOSCALID	ND	0.4	0.022/0.065	PASS
CARBARYL	ND	0.2	0.034/0.102	PASS
CARBOFURAN	ND	0.2	0.017/0.052	PASS
CHLORANTRANIL-	ND	0.2	0.021/0.064	PASS
IPROLE				
CHLORFENAPYR	ND	1	0.069/0.209	PASS
CHLORMEQUAT CHLORIDE	ND	0.2	0.017/0.052	PASS
CHLORPYRIFOS	ND	0.2	0.019/0.059	PASS
CLOFENTEZINE	ND	0.2	0.024/0.072	PASS
CYFLUTHRIN	ND	1	0.173/0.523	PASS
CYPERMETHRIN	ND	1	0.052/0.157	PASS
DAMINOZIDE	ND	1	0.043/0.131	PASS
DIAZINON	ND	0.2	0.022/0.067	PASS
DICHLORVOS	ND	0.1	0.024/0.071	PASS
DIMETHOATE	ND	0.2	0.016/0.047	PASS
ETHOPROPHOS	ND	0.2	0.029/0.088	PASS
ETOGENPROX	ND	0.4	0.016/0.047	PASS
ETOXAZOLE	ND	0.2	0.015/0.047	PASS
FENOXYCARB	ND	0.2	0.020/0.062	PASS
FENPYROXIMATE	ND	0.4	0.014/0.042	PASS
FIPRONIL	ND	0.4	0.053/0.160	PASS
FLONICAMID	ND	1	0.017/0.052	PASS
FLUDIOXONIL	ND	0.4	0.019/0.057	PASS
HEXYTHIAZOX	ND	1	0.023/0.069	PASS
IMAZALIL	ND	0.2	0.030/0.092	PASS
IMIDACLOPRID	ND	0.4	0.017/0.052	PASS
KRESOXIM-METHYL	ND	0.4	0.025/0.074	PASS
MALATHION	ND	0.2	0.024/0.073	PASS
METALAXYL	ND	0.2	0.033/0.100	PASS
METHiocarb	ND	0.2	0.048/0.146	PASS
METHOMYL	ND	0.4	0.017/0.053	PASS
METHYL PARATHION	ND	0.2	0.022/0.066	PASS
MYCLOBUTANIL	ND	0.2	0.040/0.120	PASS
NALED	ND	0.5	0.054/0.164	PASS
OXAMYL	ND	1	0.016/0.049	PASS
PACLOBUTRAZOL	ND	0.4	0.018/0.053	PASS
PERMETHRIN	ND	0.2	0.054/0.163	PASS
PHOSMET	ND	0.2	0.020/0.059	PASS
PIPERONYLBUTOXIDE	ND	2	0.017/0.051	PASS
PRALLETHRIN	ND	0.2	0.031/0.095	PASS
PROPICONAZOLE	ND	0.4	0.023/0.069	PASS
PROPOXUR	ND	0.2	0.025/0.075	PASS
PYRETHRINS	ND	1	0.010/0.029	PASS
PYRIDABEN	ND	0.2	0.018/0.055	PASS
SPINOSAD	ND	0.2	0.017/0.052	PASS
SPIROMESIFEN	ND	0.2	0.016/0.049	PASS
SPIROTETRAMAT	ND	0.2	0.021/0.064	PASS
SPIROXAMINE	ND	0.4	0.018/0.055	PASS
TEBUCONAZOLE	ND	0.4	0.026/0.078	PASS
THIACLOPRID	ND	0.2	0.023/0.071	PASS
THIAMETHOXAM	ND	0.2	0.016/0.050	PASS
TRIFLOXYSTROB-IN	ND	0.2	0.020/0.060	PASS

AA-LAB-06: HEAVY METAL PROFILE BY ICP-MS // DEC 08, 2025

RESULTS CERTIFIED BY: BRANDI GOODMAN
 LAB DIRECTOR, ALCHEMY ANALYTICS, LLC
 DEC 11, 2025



All LQC samples required by the Mississippi Department of Health's (MSDH) regulations for Cannabis Testing Facilities were performed and met the MSDH's defined acceptance criteria. Notwithstanding this compliance, this information is provided as a service, and Alchemy makes no claims of efficacy and/or safety of this product. The results provided are applicable only for the sample(s) analyzed; in the form analyzed; for the specific analysis conducted; and only for compliance with the Mississippi Medical Cannabis Act, Miss. Code Ann. § 41-137-35, et. seq. The statements and results provided in this report have not been approved and/or endorsed by the FDA. Thus, this report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms. Measurement Uncertainty is available upon request. Unless otherwise stated; Decision Rules are following the Mississippi Medical Cannabis Act, Miss. Code Ann. § 41-137-35, et. seq. regulations. This report should only be reproduced in full.



ANALYTE	AMT (µg/g)	LIMIT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	ND	0.2	0.054/0.109	PASS
CADMIUM	ND	0.2	0.048/0.096	PASS
CHROMIUM	ND	0.6	0.072/0.145	PASS
COPPER	0.190	N/A	0.070/0.140	N/A
LEAD	ND	0.5	0.050/0.101	PASS
MERCURY	ND	0.1	0.027/0.053	PASS
NICKEL	ND	0.5	0.058/0.116	PASS

AA-LAB-11: FOREIGN MATERIAL // DEC 08, 2025

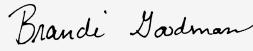
ANALYTE	AMT (%)	LIMIT (%)	PASS/FAIL
IMBEDDED FOREIGN MATERIAL	ND	25	PASS
INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT	ND	1 Unit	PASS
MOLD	ND	25	PASS
SAND, SOIL, CINDERS, DIRT	ND	25	PASS

AA-LAB-05: RESIDUAL SOLVENT PROFILE BY GC/MSD/HS // DEC 10, 2025

ANALYTE	AMT (µg/g)	LIMIT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
2-PROPANOL	ND	5000	24.991/137.265	PASS
ACETONE	ND	1000	24.991/118.847	PASS
ACETONITRILE	ND	410	24.993/126.924	PASS
BENZENE	ND	2	0.251/1.181	PASS
BUTANES	ND	5000		PASS
BUTANE	ND	N/A	12.515/63.833	N/A
ISOBUTANE	ND	N/A	12.504/64.649	N/A
CHLOROFORM	ND	60	0.250/1.293	PASS
DICHLOROMETHA- NE	ND	600		PASS
ETHANOL	1847.116	5000	24.994/136.749	PASS
ETHYL ACETATE	ND	5000	24.994/111.122	PASS
ETHYL ETHER	ND	5000		PASS
HEPTANE	ND	5000	24.995/106.097	PASS
HEXANES	ND	290		PASS
HEXANE	ND	N/A	5.000/24.347	N/A
2- METHYLPENTANE	ND	N/A	5.000/22.810	N/A
3- METHYLPENTANE	ND	N/A	5.001/22.839	N/A
2,2- DIMETHYLBUTANE	ND	N/A	5.001/23.703	N/A
2,3- DIMETHYLBUTANE	ND	N/A	5.004/23.526	N/A
ISOPROPYL ACETATE	ND	5000	24.994/116.143	PASS
METHANOL	ND	3000	24.993/132.900	PASS
PENTANES	ND	5000		PASS
PENTANE	ND	N/A	8.333/40.580	N/A
ISOPENTANE	ND	N/A	8.334/41.308	N/A
NEOPENTANE	ND	N/A	8.274/42.000	N/A
PROPANE	ND	5000	25.026/131.928	PASS
TOLUENE	ND	890	24.994/104.923	PASS
TOTAL XYLENES	ND	2170		PASS
ETHYLBENZENE	ND	N/A	6.251/29.304	N/A
O-XYLENE	ND	N/A	6.253/29.213	N/A
P- AND M-XYLENE	ND	N/A	12.504/58.696	N/A

RESULTS CERTIFIED BY: BRANDI GOODMAN
LAB DIRECTOR, ALCHEMY ANALYTICS, LLC

DEC 11, 2025



All LQC samples required by the Mississippi Department of Health's (MSDH) regulations for Cannabis Testing Facilities were performed and met the MSDH's defined acceptance criteria. Notwithstanding this compliance, this information is provided as a service, and Alchemy makes no claims of efficacy and/or safety of this product. The results provided are applicable only for the sample(s) analyzed; in the form analyzed; for the specific analysis conducted; and only for compliance with the Mississippi Medical Cannabis Act, Miss. Code Ann. § 41-137-35, et. seq. The statements and results provided in this report have not been approved and/or endorsed by the FDA. Thus, this report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms. Measurement Uncertainty is available upon request. Unless otherwise stated; Decision Rules are following the Mississippi Medical Cannabis Act, Miss. Code Ann. § 41-137-35, et. seq. regulations. This report should only be reproduced in full.