



CERTIFICATE OF ANALYSIS

REPORTED: JUN 27, 2025

SAMPLE: CURACAO FLOWER (FLOWER) // CLIENT: GAUTIER AGRICULTURE LLC // BATCH: PASS



SAMPLE: CURACAO FLOWER
BATCH NO.: 1A4230100003AFD000002150
MATRIX: FLOWER
CATEGORY: RAW PLANT MATERIAL
METRC ID: 1A4230100003AFD000002145
METRC BATCH ID: 1A4230100003AFD000002150
INTERNAL SAMPLE ID: AAL-250619-008
TEST COMPLETION DATE: JUN 25, 2025
COLLECTED ON: JUN 19, 2025
BATCH/SAMPLE SIZE: 8262 G / 10.89 G

CANNABINOID OVERVIEW

TOTAL THC: 29.573 %
TOTAL CBD: 0 %
TOTAL CANNABINOIDS: 30.741 %

CULTIVATOR INFO

CULTIVATOR
GAUTIER AGRICULTURE LLC
3100 LADNIER RD
GAUTIER, MS 39553

LICENSE
CULV004130
MEDICINAL - CULTIVATION FACILITY

BATCH RESULT: PASS

POTENCY PASS MYCOTOXINS PASS
FOREIGN PASS PESTICIDES PASS
METALS PASS TERPENES TESTED
MICROBIAL PASS WATER PASS
MOISTURE PASS

AA-LAB-01: CANNABINOIDS PROFILE BY HPLC // JUN 24, 2025

ANALYTE	AMT (%)	AMT (mg/g)	LIMIT (%)	LOD/LOQ (mg/g)	PASS/FAIL
CBC	ND	ND	N/A	0.090/0.280	N/A
CBCA	0.180	1.80	N/A	0.150/0.480	N/A
CBD	ND	ND	N/A	0.190/0.400	N/A
CBD A	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	0.071	0.71	N/A	0.080/0.260	N/A
CBGA	1.071	10.71	N/A	0.110/0.340	N/A
CBN	ND	ND	N/A	0.110/0.340	N/A
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	0.871	8.71	N/A	0.170/0.540	N/A
THCA	32.727	327.27	N/A	0.100/0.320	N/A
THCV	ND	ND	N/A	0.140/0.440	N/A
THCVA	ND	ND	N/A	0.100/0.300	N/A
TOTAL THC**	29.573	295.73	30.5		PASS
TOTAL CBD**	ND	ND	N/A		N/A

** TOTAL THC = (THCA X 0.877) + DELTA-9-THC
** TOTAL CBD = (CBD A X 0.877) + CBD
DRY-WEIGHT AMOUNTS SHOWN
TOTAL CANNABINOIDS = (CANNABINOID ACID FORM CONCENTRATION X 0.877) + CANNABINOID CONCENTRATION

RESULTS CERTIFIED BY: SATISH ANNIGERI
LAB DIRECTOR, ALCHEMY ANALYTICS, LLC

S. M. Annigeri



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 // JUN 23, 2025

ANALYTE	AMT (%)	AMT (mg/g)	LIMIT (%)	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	2.284	22.84	N/A		N/A
β-CARYOPHYLLENE	0.583	5.83	N/A	0.157/0.475	N/A
LIMONENE	0.467	4.67	N/A	0.042/0.127	N/A
β-MYRCENE	0.463	4.63	N/A	0.078/0.236	N/A
LINALOOL	0.260	2.60	N/A	0.078/0.235	N/A
α-HUMULENE	0.243	2.43	N/A	0.105/0.318	N/A
α-BISABOLOL	0.065	0.65	N/A	0.086/0.262	N/A
β-PINENE	0.050	0.50	N/A	0.042/0.127	N/A
ENDO FENCHYL ALCOHOL	0.049	0.49	N/A	0.049/0.148	N/A
α-TERPINEOL	0.048	0.48	N/A	0.140/0.425	N/A
α-PINENE	0.032	0.32	N/A	0.034/0.104	N/A
VALENCENE	0.025	0.25	N/A	0.041/0.123	N/A
CAMPHENE	< LOQ	< LOQ	N/A	0.034/0.101	N/A
CARYOPHYLLENE OXIDE	< LOQ	< LOQ	N/A	0.122/0.369	N/A
TERPINOLENE	< LOQ	< LOQ	N/A	0.050/0.151	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-TERPINENE	ND	ND	N/A	0.047/0.142	N/A
BORNEOL	ND	ND	N/A	0.096/0.291	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
GUAIOL	ND	ND	N/A	0.072/0.217	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
TRANS-NEROLIDOL	ND	ND	N/A	0.108/0.327	N/A
TRANS-OCIMENE	ND	ND	N/A	0.036/0.108	N/A

AA-LAB-09: MOISTURE CONTENT // JUN 20, 2025

ANALYTE	AMT (%)	LIMIT (%)	PASS/FAIL
MOISTURE	11.550	15	PASS

AA-LAB-07: MICROBIAL PROFILE // JUN 23, 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	ND	10000	PASS

AA-LAB-02, AA-LAB-03: MYCOTOXIN PROFILE BY LCMSTQ // JUN 20, 2025

ANALYTE	AMT (µg/kg)	LIMIT (µg/kg)	LOD/LOQ (µg/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

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REGULATORY COMPLIANCE TESTING

AAL-250619-008

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

AA-LAB-02: PESTICIDE PROFILE BY LCMSTQ // JUN 20, 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-IPROLE	ND	0.2	0.021/0.064	PASS
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
ETOFENPROX	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

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TRIFLOXYSTROB-INND0.20.020/0.060PASS

AA-LAB-06: HEAVY METAL PROFILE BY ICP-MS // JUN 25, 2025

ANALYTE	AMT (µg/g)	LIMIT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	ND	0.4	0.054/0.109	PASS
CADMIUM	ND	0.4	0.048/0.096	PASS
CHROMIUM	< LOQ	1.2	0.072/0.145	PASS
COPPER	9.128	N/A	0.070/0.140	N/A
LEAD	ND	1	0.050/0.101	PASS
MERCURY	0.093	0.2	0.027/0.053	PASS
NICKEL	ND	1	0.058/0.116	PASS

AA-LAB-08: WATER ACTIVITY // JUN 20, 2025

ANALYTE	AMT (Aw)	LIMIT (Aw)	PASS/FAIL
WATER ACTIVITY	0.496	0.65	PASS

AA-LAB-11: FOREIGN MATERIAL // JUN 20, 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



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