



**ALCHEMY**  
ANALYTICS



ALCHEMY ANALYTICS, LLC // 16501 HWY 16 E DE KALB MS 39328 // PH: 601-793-0161

MS LICENSE #: TESL000435

**CERTIFICATE OF ANALYSIS**

PRODUCED: FEB 08, 2024

**SAMPLE:** 1A42301000006A5000001336 (FLOWER) // **CLIENT:** MAGNOLIA HIGH GROWERS // **BATCH:** FAIL  
STATE MANDATED TESTING



**BATCH NO.:** 1A42301000006A5000000688  
**MATRIX:** FLOWER  
**CATEGORY:** INHALABLE\_FLOWER  
**METRC ID:** 1A42301000006A5000001336  
**METRC BATCH ID:** 1A42301000006A5000000688  
**INTERNAL SAMPLE ID:** AAL-240124-010  
**TEST COMPLETION DATE:** FEB 01, 2024  
**COLLECTED ON:** JAN 31, 2024  
**RECEIVED ON:** JAN 31, 2024  
**BATCH/SAMPLE SIZE:** 4.2 G / 4.2 G  
**RECEIVED BY:** RAKIA JACKSON



**CULTIVATOR INFO**

**CULTIVATOR**  
MAGNOLIA HIGH GROWERS  
11775 HIGHWAY 16 E  
BENTON, MS 39039

**LICENSE**  
CULV001582  
MEDICINAL - CULTIVATION FACILITY

**BATCH RESULT:** FAIL

<b>MYCOTOXINS</b>	PASS
<b>PESTICIDES</b>	FAIL



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. 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.

**RESULTS CERTIFIED BY:** SATISH ANNIGERI  
LAB DIRECTOR, ALCHEMY ANALYTICS, LLC  
FEB 08, 2024

*S. Annigeri*

**RESULTS CERTIFIED BY:** SATISH ANNIGERI  
LAB DIRECTOR, ALCHEMY ANALYTICS, LLC  
FEB 09, 2024

*S. Annigeri*

**RESULTS CERTIFIED BY:** BRANDI GOODMAN  
SENIOR LABORATORY ANALYST, ALCHEMY ANALYTICS, LLC  
FEB 09, 2024

*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, AA-LAB-03: MYCOTOXIN PROFILE BY LCMSTQ // FEB 01, 2024

ANALYTE	AMT (µg/kg)	LIMIT	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1	ND		1.41/4.27	N/A
AFLATOXIN B2	ND		0.862/2.61	N/A
AFLATOXIN G1	ND		1.99/6.03	N/A
AFLATOXIN G2	ND		1.52/4.60	N/A
AFLATOXINS	ND	20 µg/kg		PASS
OCHRATOXIN A	ND	20 µg/kg	3.10/9.40	PASS

AA-LAB-03: PESTICIDE PROFILE BY GCMSTQ // FEB 01, 2024

ANALYTE	AMT (µg/g)	LIMIT	LOD/LOQ (µg/g)	PASS/FAIL
CHLORFENAPYR	ND	1 µg/g	0.0691/0.209	PASS
METHYL PARATHION	ND	0.2 µg/g	0.0218/0.0660	PASS

AA-LAB-02: PESTICIDE PROFILE BY LCMSTQ // FEB 01, 2024

ANALYTE	AMT (µg/g)	LIMIT	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	ND	0.5 µg/g	0.101/0.305	PASS
ACEPHATE	ND	0.4 µg/g	0.0328/0.0994	PASS
ACEQUINOCYL	ND	2 µg/g	0.0150/0.0455	PASS
ACETAMIPRID	ND	0.2 µg/g	0.0175/0.0530	PASS
ALDICARB	ND	0.4 µg/g	0.0162/0.0490	PASS
AZOXYSTROBIN	ND	0.2 µg/g	0.0171/0.0519	PASS
BIFENAZATE	ND	0.2 µg/g	0.0186/0.0563	PASS
BIFENTHRIN	ND	0.2 µg/g	0.0230/0.0698	PASS
BOSCALID	ND	0.4 µg/g	0.0216/0.0654	PASS
CARBARYL	ND	0.2 µg/g	0.0335/0.102	PASS
CARBOFURAN	ND	0.2 µg/g	0.0170/0.0515	PASS
CHLORANTRANIL-IPROLE	ND	0.2 µg/g	0.0212/0.0643	PASS
CHLORMEQUAT CHLORIDE	ND	0.2 µg/g	0.0172/0.0520	PASS
CHLORPYRIFOS	ND	0.2 µg/g	0.0194/0.0589	PASS
CLOFENTEZINE	ND	0.2 µg/g	0.0237/0.0718	PASS
CYFLUTHRIN	ND	1 µg/g	0.173/0.523	PASS
CYPERMETHRIN	ND	1 µg/g	0.0517/0.157	PASS
DAMINOZIDE	ND	1 µg/g	0.0432/0.131	PASS
DIAZINON	ND	0.2 µg/g	0.0220/0.0666	PASS
DICHLORVOS	ND	0.1 µg/g	0.0235/0.0712	PASS
DIMETHOATE	ND	0.2 µg/g	0.0156/0.0471	PASS
ETHOPROPHOS	ND	0.2 µg/g	0.0292/0.0884	PASS
ETOFENPROX	ND	0.4 µg/g	0.0156/0.0473	PASS
ETOXAZOLE	ND	0.2 µg/g	0.0154/0.0466	PASS
FENOXYCARB	ND	0.2 µg/g	0.0203/0.0616	PASS
FENPYROXIMATE	ND	0.4 µg/g	0.0137/0.0415	PASS
FIPRONIL	ND	0.4 µg/g	0.0528/0.160	PASS
FLONICAMID	ND	1 µg/g	0.0172/0.0523	PASS
FLUDIOXONIL	ND	0.4 µg/g	0.0188/0.0569	PASS
HEXYTHIAZOX	ND	1 µg/g	0.0226/0.0686	PASS
IMAZALIL	ND	0.2 µg/g	0.0303/0.0918	PASS
IMIDACLOPRID	ND	0.4 µg/g	0.0171/0.0518	PASS
KRESOXIM-METHYL	ND	0.4 µg/g	0.0245/0.0741	PASS
MALATHION	ND	0.2 µg/g	0.0241/0.0730	PASS
METALAXYL	ND	0.2 µg/g	0.0330/0.100	PASS
METHIOCARB	ND	0.2 µg/g	0.0481/0.146	PASS
METHOMYL	ND	0.4 µg/g	0.0174/0.0526	PASS
METHYL PARATHION	ND	0.2 µg/g	0.0218/0.0660	PASS
MYCLOBUTANIL	ND	0.2 µg/g	0.0395/0.120	PASS
NALED	ND	0.5 µg/g	0.0540/0.164	PASS
OXAMYL	ND	1 µg/g	0.0163/0.0494	PASS
PACLOBUTRAZOL	ND	0.4 µg/g	0.0176/0.0533	PASS
PERMETHRIN	ND	0.2 µg/g	0.0539/0.163	PASS
PHOSMET	ND	0.2 µg/g	0.0195/0.0590	PASS

RESULTS CERTIFIED BY: SATISH ANNIGERI  
 LAB DIRECTOR, ALCHEMY ANALYTICS, LLC  
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*S. Annigeri*

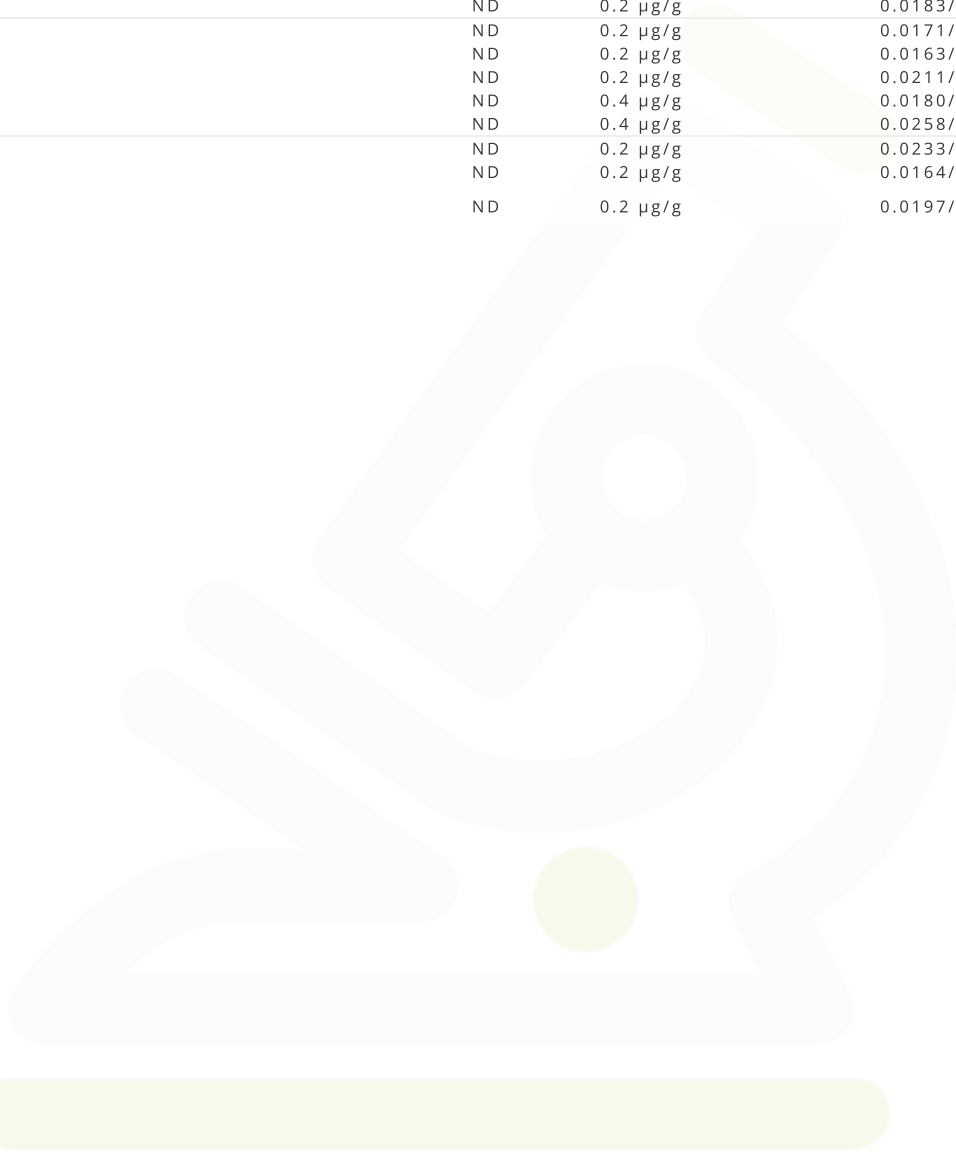
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PIPERONYLBUTOXIDE	ND	2 µg/g	0.0169/0.0513	PASS
PRALLETHRIN	ND	0.2 µg/g	0.0314/0.0951	PASS
PROPICONAZOLE	ND	0.4 µg/g	0.0226/0.0685	PASS
PROPOXUR	ND	0.2 µg/g	0.0247/0.0748	PASS
PYRETHRINS	1.82	1 µg/g	0.00970/0.0293	FAIL
PYRIDABEN	ND	0.2 µg/g	0.0183/0.0554	PASS
SPINOSAD	ND	0.2 µg/g	0.0171/0.0518	PASS
SPIROMESIFEN	ND	0.2 µg/g	0.0163/0.0494	PASS
SPIROTETRAMAT	ND	0.2 µg/g	0.0211/0.0640	PASS
SPIROXAMINE	ND	0.4 µg/g	0.0180/0.0546	PASS
TEBUCONAZOLE	ND	0.4 µg/g	0.0258/0.0782	PASS
THIACLOPRID	ND	0.2 µg/g	0.0233/0.0707	PASS
THIAMETHOXAM	ND	0.2 µg/g	0.0164/0.0498	PASS
TRIFLOXYSTROBIN	ND	0.2 µg/g	0.0197/0.0597	PASS



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