



**ALCHEMY**  
ANALYTICS



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

MS LICENSE #: TESL000435

**CERTIFICATE OF ANALYSIS**

REPORTED: MAR 28, 2024

**SAMPLE:** RASPBERRY KUSH (EDIBLE SOLID) // **CLIENT:** MIDSOUTH EXTRACTS, LLC // **BATCH:** FAIL  
STATE MANDATED TESTING



**SAMPLE:** RASPBERRY KUSH  
**BATCH NO.:** 1A42301000033F5000008113  
**MATRIX:** EDIBLE SOLID  
**CATEGORY:** EDIBLE  
**METRC ID:** 1A42301000033F5000014165  
**METRC BATCH ID:** 1A42301000033F5000008113  
**INTERNAL SAMPLE ID:** AAL-240205-070  
**TEST COMPLETION DATE:** MAR 26, 2024  
**RECEIVED ON:** FEB 08, 2024  
**BATCH/SAMPLE SIZE:** 1 UNITS / 1 UNITS  
**PACKAGE SIZE:** 0.3 G



**MANUFACTURER INFO**

**MANUFACTURER**  
MIDSOUTH EXTRACTS, LLC  
1527 KINGS CREEK DR  
TUPELO, MS 38804

**LICENSE**  
PROC001441  
MEDICINAL - PROCESSING FACILITY

**BATCH RESULT: FAIL**

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



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  
MAR 28, 2024

*S. M. Annigeri*

**RESULTS CERTIFIED BY:** SATISH ANNIGERI  
LAB DIRECTOR, ALCHEMY ANALYTICS, LLC  
MAR 28, 2024

*S. M. Annigeri*

**RESULTS CERTIFIED BY:** BRANDI GOODMAN  
SENIOR LABORATORY ANALYST, ALCHEMY ANALYTICS, LLC  
MAR 28, 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 15, 2024

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

AA-LAB-03: PESTICIDE PROFILE BY GCMSTQ // FEB 19, 2024

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

AA-LAB-02: PESTICIDE PROFILE BY LCMSTQ // FEB 15, 2024

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

RESULTS CERTIFIED BY: SATISH ANNIGERI  
 LAB DIRECTOR, ALCHEMY ANALYTICS, LLC  
 MAR 28, 2024

*S. Annigeri*

RESULTS CERTIFIED BY: BRANDI GOODMAN  
 SENIOR LABORATORY ANALYST, ALCHEMY ANALYTICS, LLC  
 MAR 28, 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.



# REGULATORY COMPLIANCE TESTING

AAL-240205-070

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

## AA-LAB-06: HEAVY METAL PROFILE BY ICP-MS // MAR 26, 2024

ANALYTE	AMT (µg/g)	LIMIT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	ND	0.4	0.0215/0.0651	PASS
CADMIUM	0.203	0.4	0.0174/0.0528	PASS
LEAD	1.86	1	0.0132/0.0400	FAIL
MERCURY	ND	1.2	0.0453/0.137	PASS

## AA-LAB-05: RESIDUAL SOLVENT PROFILE BY GC/MSD/HS // FEB 27, 2024

ANALYTE	AMT (µg/g)	LIMIT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
2,2-DIMETHYLBUTANE	ND	N/A	5.00/23.7	N/A
2,3-DIMETHYLBUTANE	ND	N/A	5.00/23.5	N/A
2-METHYLPENTANE	ND	N/A	5.00/22.8	N/A
2-PROPANOL	ND	5000	25.0/137	PASS
3-METHYLPENTANE	ND	N/A	5.00/22.8	N/A
ACETONE	ND	1000	25.0/119	PASS
ACETONITRILE	ND	410	25.0/127	PASS
BENZENE	ND	2	0.251/1.18	PASS
BUTANE	ND	N/A	12.5/63.8	N/A
BUTANES	ND	5000		PASS
CHLOROFORM	ND	60	0.250/1.29	PASS
DICHLOROMETHANE	ND	600		PASS
ETHANOL	208	5000	25.0/137	PASS
ETHYL ACETATE	ND	5000	25.0/111	PASS
ETHYLBENZENE	ND	N/A	6.25/29.3	N/A
ETHYL ETHER	ND	5000		PASS
HEPTANE	ND	5000	25.0/106	PASS
HEXANE	ND	N/A	5.00/24.3	N/A
HEXANES	ND	290		PASS
ISOBUTANE	ND	N/A	12.5/64.6	N/A
ISOPENTANE	ND	N/A	8.33/41.3	N/A
ISOPROPYL ACETATE	ND	5000	25.0/116	PASS
METHANOL	ND	3000	25.0/133	PASS
NEOPENTANE	ND	N/A	8.27/42.0	N/A
O-XYLENE	ND	N/A	6.25/29.2	N/A
P- AND M-XYLENE	ND	N/A	12.5/58.7	N/A
PENTANE	< LOQ	N/A	8.33/40.6	N/A
PENTANES	< LOQ	5000		PASS
PROPANE	ND	5000	25.0/132	PASS
TOLUENE	ND	890	25.0/105	PASS
TOTAL XYLENES	ND	2170		PASS

RESULTS CERTIFIED BY: SATISH ANNIGERI  
LAB DIRECTOR, ALCHEMY ANALYTICS, LLC  
MAR 28, 2024

*S. Annigeri*

RESULTS CERTIFIED BY: BRANDI GOODMAN  
SENIOR LABORATORY ANALYST, ALCHEMY ANALYTICS, LLC  
MAR 28, 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.

