

### Client Name: Rolling Pines

Date Received: 1/15/2025 Date Reported: 1/22/2025

Client Address: 2672 A Lower Centreville Rd, Liberty, MS 39645

License Number: MCUL002757 / MPRC001303

# Sample Name: Peppermint Chocolate BitesSample ID: MS9527METRC ID (LOT#): 1A4230100007851000000184Batch Number: 1A4230100007851000000169Sample Matrix: EdiblesTotal Batch Size (#), Units in Batch (count):Total Sample Weight (g), Units Sampled (count): 20Sample Density(g/ml):Servings Per Container (#):Serving Mass (g):Grams per Package:Date Sampled: 1/15/2025

**Regulatory Compliance Testing Certificate of Analysis** 

# Sample Result: PASS



Cannabinoi	ids		PASS	
tandard potency a	nalysis utilizing High Perfo	ormance Liquid Chromato	ography (HPLC)   Test ID: #7730	4
Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	0.0019	0.0058
CBD	ND	ND	0.0028	0.0086
CBDA	ND	ND	0.0031	0.0095
CBDV	ND	ND	0.0035	0.0107
CBG	0.0167	0.167	0.0029	0.0087
CBGA	ND	ND	0.0030	0.0092
CBN	0.0034	0.034	0.0028	0.0083
d8-THC	ND	ND	0.0022	0.0068
d9-THC	0.4139	4.139	0.0023	0.0069
THCA	ND	ND	0.0024	0.0071
THCV	ND	ND	0.0028	0.0084

Total Cannabinoids					
	%	mg/g	mg/serving	mg/package	
Total THC:	0.41	4.139	9.356	93.562	
Total CBD:			0.000	0.000	
Total CBG:	0.02	0.167	0.378	3.775	
Total Cannabinoids:	0.43	4.340	9.811	98.106	

### Total theoretical THC % = (delta-9-THC%) + (THCA% \* 0.877)

Moisture		PASS	
Water Activity and Moisture Conte	ent Analysis   Test ID: #77314		
Analyte	Result	Limit	Pass/Fail
Moisture (%) Water Activity (Aw)	NT 0.21	NT 0.85	NT PASS







# **Regulatory Compliance Testing Certificate of Analysis**

Heavy Meta	als		PAS	S	
Heavy metals analy	sis utilizing Inductively	y Coupled Plasma Mass Sp	pectrometry (ICP-M	S) - Limit units: µg/kg  ⊺	est ID: #77306
Analyte	Pass/Fail	Result (ug/g)	Limit	LOD (ug/g)	LOQ (ug/g)
Arsenic	Pass	< LOQ	1.500	0.016	0.050
Cadmium	Pass	< LOQ	0.500	0.022	0.067
Chromium	Pass	0.501	2.000	0.065	0.198
Copper	NT	NT	NT	0.083	0.251
Lead	Pass	ND	0.500	0.021	0.062
Mercury	Pass	ND	3.000	0.028	0.084
Nickel	NT	NT	NT	0.055	0.166



Determination of Pass/Fail is based on RULES AND REGULATIONS GOVERNING MEDICAL MARIJUANA REGISTRATION, TESTING, AND LABELING IN MISSISSIPPI. Steep Hill Mississippi does not use Measurement Uncertainty when determining results. Measurement Uncertainty information is available upon request. These results only relate to the item tested and apply to the sample as received. This report should only be reproduced in its entirety.



Sample ID: MS9527



# Regulatory Compliance Testing Certificate of Analysis

## Pesticides

PASS

Residual pesticide analysis utilizing Liquid and Gas Chromatography – Mass Spectrometry (LC-MSMS) - Limit units: ug/g = ppm | Test ID: #77308

Abarectin     PASS     ND     0.500     0.001     0.002       Aceptate     PASS     ND     2.000     0.024     0.072       Acequinocyl     PASS     ND     2.000     0.002     0.006       Acetamiprid     PASS     ND     0.400     0.005     0.015       Acotamiprid     PASS     ND     0.200     0.002     0.006       Aldicarb     PASS     ND     0.200     0.002     0.006       Bifenthrin     PASS     ND     0.200     0.004     0.012       Boscalid     PASS     ND     0.200     0.004     0.012       Carbaryl     PASS     ND     0.200     0.004     0.011       Chlorantraniliprole     PASS     ND     0.200     0.00	Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)	LOQ (µg/g)
Acequinocyl     PASS     ND     2.000     0.024     0.072       Acetamprid     PASS     ND     0.200     0.002     0.006       Aldicarb     PASS     ND     0.400     0.005     0.015       Azoxystrobin     PASS     ND     0.200     0.002     0.006       Bifenthrin     PASS     ND     0.200     0.004     0.012       Boscalid     PASS     ND     0.200     0.004     0.023       Carbaryl     PASS     ND     0.200     0.004     0.011       Chlorentramiliprole     PASS     ND     0.200     0.004     0.011       Chlorentramiliprole     PASS     ND     0.200     0.004     0.011       Chlorentratuctholoride     PASS     ND     0.200     0.004     0.011       Chlorentratuctholoride     PASS     ND     0.200     0.004     0.011       Chlorentratuctholoride     PASS     ND     1.000     0.014     0.044       Colferitizine     PASS     ND     1.0	Abamectin					
Acetamiprid     PASS     ND     0.200     0.002     0.006       Aldicarb     PASS     ND     0.400     0.005     0.015       Azovystrobin     PASS     ND     0.200     0.002     0.006       Bifenazate     PASS     ND     0.200     0.002     0.007       Bifenazate     PASS     ND     0.200     0.002     0.003       Carbaryl     PASS     ND     0.200     0.002     0.003       Carbofuran     PASS     ND     0.200     0.002     0.006       Chiorenayr     PASS     ND     0.200     0.004     0.011       Chiorenayr     PASS     ND     0.200     0.004     0.011       Chioryrines     PASS     ND     0.200     0.004     0.013       Chioryrines     PASS     ND     0.200     0.004     0.011       Colorientezine     PASS     ND     0.200     0.002     0.006       Cymuricis     PASS     ND     0.000     0.014     0.040 </td <td>Acephate</td> <td>PASS</td> <td>ND</td> <td>0.400</td> <td>0.015</td> <td>0.047</td>	Acephate	PASS	ND	0.400	0.015	0.047
Aldicarb     PASS     ND     0.400     0.005     0.015       Azoystrobin     PASS     ND     0.200     0.002     0.006       Bifenthrin     PASS     ND     0.200     0.004     0.012       Boscalid     PASS     ND     0.200     0.004     0.012       Boscalid     PASS     ND     0.200     0.002     0.005       Carbaryl     PASS     ND     0.200     0.004     0.011       Chorantraniliprole     PASS     ND     0.200     0.004     0.011       Chiorpreguta Choride     PASS     ND     0.200     0.004     0.011       Chiorprifus     PASS     ND     0.200     0.004     0.011       Chiorprifus     PASS     ND     0.200     0.004     0.011       Coffurtrin     PASS     ND     1.000     0.014     0.044       Diation     PASS     ND     1.000     0.014     0.044       Diation     PASS     ND     0.200     0.002     0.00	Acequinocyl					
Azoxystrobin     PASS     ND     0.200     0.002     0.006       Bifenazate     PASS     ND     0.200     0.004     0.012       Biscalid     PASS     ND     0.400     0.008     0.023       Carbaryl     PASS     ND     0.200     0.001     0.003       Carbofturan     PASS     ND     0.200     0.002     0.005       Chiorantraniliprole     PASS     ND     0.200     0.004     0.011       Chiorantraniliprole     PASS     ND     1.000     0.025     0.076       Cypurmethrin     PASS     ND     1.000     0.014     0.044       Diazinon     PASS     ND     0.200     0.001     0.002       Dimethoate     PASS     ND     0.200	Acetamiprid		ND			0.006
Bifenthrin     PASS     ND     0.200     0.002     0.007       Boscalid     PASS     ND     0.400     0.008     0.023       Carbaryl     PASS     ND     0.200     0.001     0.003       Carbaryl     PASS     ND     0.200     0.002     0.005       Chiorantaniliprole     PASS     ND     0.200     0.004     0.011       Chiorantaniliprole     PASS     ND     0.200     0.004     0.013       Chiorantaniliprole     PASS     ND     0.200     0.004     0.011       Chiorantaniliprole     PASS     ND     0.200     0.004     0.011       Chiorantifes     PASS     ND     0.200     0.002     0.006       Chiorantifes     PASS     ND     0.000     0.016     0.017       Cypermethrin     PASS     ND     1.000     0.014     0.044       Diation     PASS     ND     0.200     0.001     0.002       Deminozide     PASS     ND     0.200     0.001	Aldicarb					
Bifenthrin     PASS     ND     0.200     0.004     0.012       Boscalid     PASS     ND     0.400     0.008     0.023       Carbory     PASS     ND     0.200     0.001     0.003       Carboruran     PASS     ND     0.200     0.002     0.005       Chiormequat chloride     PASS     ND     0.200     0.004     0.011       Chiorrequat chloride     PASS     ND     0.200     0.004     0.013       Chiorrequat chloride     PASS     ND     0.200     0.004     0.011       Clorentezine     PASS     ND     0.200     0.002     0.006       Cypermethrin     PASS     ND     1.000     0.010     0.029       Darinozide     PASS     ND     0.200     0.001     0.004       Diazinon     PASS     ND     0.200     0.002     0.005       Etofenprox     PASS     ND     0.200     0.002     0.005       Etofenprox     PASS     ND     0.400     0.008 </td <td>Azoxystrobin</td> <td>PASS</td> <td>ND</td> <td>0.200</td> <td>0.002</td> <td>0.006</td>	Azoxystrobin	PASS	ND	0.200	0.002	0.006
Boscalid     PASS     ND     0.400     0.008     0.023       Carbaryl     PASS     ND     0.200     0.001     0.003       Carbofuran     PASS     ND     0.200     0.004     0.011       Chiorantaniliprole     PASS     ND     1.000     0.056     0.170       Chiorantaut chloride     PASS     ND     0.200     0.004     0.013       Chormequat chloride     PASS     ND     0.200     0.004     0.011       Clorentezine     PASS     ND     0.200     0.004     0.010       Cyfluthrin     PASS     ND     1.000     0.010     0.029       Darninozide     PASS     ND     1.000     0.011     0.044       Diazinon     PASS     ND     0.200     0.001     0.002       Direhores     PASS     ND     0.200     0.002     0.002       Direhoros     PASS     ND     0.200     0.002     0.002       Direhoros     PASS     ND     0.200     0.002	Bifenazate	PASS	ND	0.200	0.002	0.007
Carbaryl     PASS     ND     0.200     0.001     0.003       Carbofururan     PASS     ND     0.200     0.004     0.011       Chlormtraniliprole     PASS     ND     0.200     0.004     0.011       Chlormequat chloride     PASS     ND     0.200     0.004     0.013       Chlormequat chloride     PASS     ND     0.200     0.004     0.011       Clofentezine     PASS     ND     0.200     0.004     0.011       Coldentezine     PASS     ND     1.000     0.012     0.006       Cypermethrin     PASS     ND     1.000     0.011     0.029       Daminozide     PASS     ND     0.200     0.001     0.004       Diathoros     PASS     ND     0.200     0.001     0.002       Dimethoate     PASS     ND     0.200     0.001     0.002       Etofenprop     PASS     ND     0.200     0.001     0.002       Fenoxycarb     PASS     ND     0.400     0	Bifenthrin	PASS	ND	0.200	0.004	0.012
Carbofuran     PASS     ND     0.200     0.002     0.005       Chlorantraniliprole     PASS     ND     1.000     0.056     0.111       Chlorantraniliprole     PASS     ND     1.000     0.056     0.170       Chloramequat chloride     PASS     ND     0.200     0.004     0.011       Chloramtrikos     PASS     ND     0.200     0.004     0.011       Colfertezine     PASS     ND     1.000     0.022     0.006       Cyfluthrin     PASS     ND     1.000     0.010     0.029       Daminozide     PASS     ND     0.100     0.011     0.004       Diazinon     PASS     ND     0.200     0.001     0.002       Dimethoate     PASS     ND     0.200     0.002     0.006       Ethogrophos     PASS     ND     0.200     0.001     0.004       Fenoxycarb     PASS     ND     0.400     0.002     0.007       Fipronil     PASS     ND     0.400     0.0	Boscalid	PASS	ND	0.400	0.008	0.023
Chlorantraniliprole     PASS     ND     0.200     0.004     0.011       Chlorantraniliprole     PASS     ND     1.000     0.056     0.170       Chlorapyrifos     PASS     ND     0.200     0.004     0.013       Chlorapyrifos     PASS     ND     0.200     0.004     0.011       Clofentezine     PASS     ND     0.200     0.004     0.011       Clofentezine     PASS     ND     1.000     0.014     0.044       Diazinon     PASS     ND     1.000     0.014     0.044       Diazinon     PASS     ND     0.000     0.001     0.002       Dimethoate     PASS     ND     0.200     0.002     0.005       Ethoprophos     PASS     ND     0.200     0.002     0.005       Etoxazole     PASS     ND     0.200     0.002     0.007       Fenoycarb     PASS     ND     0.400     0.008     0.233       Flonicamid     PASS     ND     0.400     0.003	Carbaryl	PASS	ND	0.200	0.001	0.003
Chlorfenapyr     PASS     ND     1.000     0.565     0.170       Chloraudt chloride     PASS     ND     0.200     0.004     0.013       Chloraudt chloride     PASS     ND     0.200     0.002     0.006       Cyfluthrin     PASS     ND     1.000     0.012     0.007       Cypermethrin     PASS     ND     1.000     0.011     0.029       Daminozide     PASS     ND     1.000     0.011     0.004       Dichlorvos     PASS     ND     0.200     0.001     0.004       Dichlorvos     PASS     ND     0.200     0.002     0.006       Ethoprophos     PASS     ND     0.200     0.002     0.005       Etoxazole     PASS     ND     0.400     0.002     0.005       Fenoxycarb     PASS     ND     0.400     0.002     0.007       Fipronil     PASS     ND     0.400     0.002     0.007       Fipronil     PASS     ND     0.400     0.003	Carbofuran	PASS	ND	0.200	0.002	0.005
Chlormequat chloride     PASS     ND     0.200     0.004     0.013       Chlorpyrifos     PASS     ND     0.200     0.002     0.006       Cyfluthrin     PASS     ND     1.000     0.025     0.076       Cypermethrin     PASS     ND     1.000     0.014     0.044       Diazinon     PASS     ND     0.000     0.001     0.002       Diarinozide     PASS     ND     0.100     0.001     0.002       Diarinon     PASS     ND     0.200     0.002     0.005       Ethoprophos     PASS     ND     0.200     0.002     0.006       Etofenprox     PASS     ND     0.200     0.001     0.004       Fenoycarb     PASS     ND     0.200     0.002     0.007       Fenoyroximate     PASS     ND     0.400     0.008     0.233       Flonicamid     PASS     ND     0.400     0.003     0.008       Inidazoprid     PASS     ND     0.400     0.003	Chlorantraniliprole	PASS	ND	0.200	0.004	0.011
Chlormequat chloride     PASS     ND     0.200     0.004     0.013       Chlorpyrifos     PASS     ND     0.200     0.002     0.006       Cyfluthrin     PASS     ND     1.000     0.025     0.076       Cypermethrin     PASS     ND     1.000     0.014     0.044       Diazinon     PASS     ND     0.000     0.001     0.002       Diarinozide     PASS     ND     0.100     0.001     0.002       Diarinon     PASS     ND     0.200     0.002     0.005       Ethoprophos     PASS     ND     0.200     0.002     0.006       Etofenprox     PASS     ND     0.200     0.001     0.004       Fenoycarb     PASS     ND     0.200     0.002     0.007       Fenoyroximate     PASS     ND     0.400     0.008     0.233       Flonicamid     PASS     ND     0.400     0.003     0.008       Inidazoprid     PASS     ND     0.400     0.003	Chlorfenapyr	PASS	ND	1.000	0.056	0.170
Chlorpyrifos     PASS     ND     0.200     0.004     0.011       Clofentezine     PASS     ND     0.200     0.002     0.006       Cyfluthrin     PASS     ND     1.000     0.010     0.029       Daminozide     PASS     ND     1.000     0.011     0.004       Diazinon     PASS     ND     0.200     0.001     0.004       Dichlorvos     PASS     ND     0.200     0.002     0.002       Dimethoate     PASS     ND     0.200     0.002     0.005       Ethoprophos     PASS     ND     0.200     0.002     0.006       Etofenprox     PASS     ND     0.200     0.002     0.005       Fenoxycarb     PASS     ND     0.400     0.002     0.007       Fipronil     PASS     ND     0.400     0.002     0.007       Fipronil     PASS     ND     0.400     0.043     0.130       Flucioxonil     PASS     ND     0.400     0.043     0.130	Chlormequat chloride	PASS	ND	0.200	0.004	0.013
Clofentezine     PASS     ND     0.200     0.002     0.006       Cyfluthrin     PASS     ND     1.000     0.025     0.076       Cypermethrin     PASS     ND     1.000     0.014     0.044       Diazinon     PASS     ND     0.001     0.002     0.001     0.004       Diazinon     PASS     ND     0.100     0.011     0.002       Dimethoate     PASS     ND     0.200     0.002     0.005       Ethoprophos     PASS     ND     0.200     0.002     0.006       Etotazole     PASS     ND     0.200     0.002     0.004       Fenoxycarb     PASS     ND     0.200     0.002     0.007       Fipronil     PASS     ND     0.400     0.002     0.007       Fipronil     PASS     ND     0.400     0.003     0.023       Flonicamid     PASS     ND     0.400     0.010     0.030       Hetaxythiazox     PASS     ND     0.400     0.007	Chlorpyrifos	PASS	ND	0.200	0.004	0.011
Cypermethrin     PASS     ND     1.000     0.010     0.029       Daminozide     PASS     ND     1.000     0.014     0.044       Diazinon     PASS     ND     0.200     0.001     0.004       Dichlorvos     PASS     ND     0.200     0.002     0.005       Ethoprophos     PASS     ND     0.200     0.002     0.006       Etofenprox     PASS     ND     0.200     0.001     0.004       Etoxacole     PASS     ND     0.200     0.001     0.004       Fenoxycarb     PASS     ND     0.200     0.002     0.007       Fiponil     PASS     ND     0.400     0.002     0.007       Filonicamid     PASS     ND     0.400     0.003     0.030       Flonicamid     PASS     ND     0.400     0.010     0.330       Fluctioxonil     PASS     ND     0.400     0.010     0.330       Imazail     PASS     ND     0.200     0.003     0.008	Clofentezine	PASS	ND	0.200	0.002	0.006
Daminozide     PASS     ND     1.000     0.014     0.044       Diazinon     PASS     ND     0.200     0.001     0.004       Dichlorvos     PASS     ND     0.100     0.001     0.002       Dimethoate     PASS     ND     0.200     0.002     0.005       Ethoprophos     PASS     ND     0.200     0.002     0.006       Etogrophos     PASS     ND     0.400     0.009     0.029       Etoxazole     PASS     ND     0.200     0.002     0.005       Fenoxycarb     PASS     ND     0.400     0.002     0.007       Fipronil     PASS     ND     0.400     0.008     0.023       Flonicamid     PASS     ND     1.000     0.043     0.130       Flucticamid     PASS     ND     0.400     0.003     0.008       Ididoxonil     PASS     ND     0.200     0.003     0.008       Imazalil     PASS     ND     0.200     0.002     0.001 <	Cyfluthrin	PASS	ND	1.000	0.025	0.076
Daminozide     PASS     ND     1.000     0.014     0.044       Diazinon     PASS     ND     0.200     0.001     0.004       Dichlorvos     PASS     ND     0.100     0.001     0.002       Dimethoate     PASS     ND     0.200     0.002     0.005       Ethoprophos     PASS     ND     0.200     0.002     0.006       Etogrophos     PASS     ND     0.400     0.009     0.029       Etoxazole     PASS     ND     0.200     0.002     0.005       Fenoxycarb     PASS     ND     0.400     0.002     0.007       Fipronil     PASS     ND     0.400     0.008     0.023       Flonicamid     PASS     ND     1.000     0.043     0.130       Flucticamid     PASS     ND     0.400     0.003     0.008       Ididoxonil     PASS     ND     0.200     0.003     0.008       Imazalil     PASS     ND     0.200     0.002     0.001 <						
Diazinon     PASS     ND     0.200     0.001     0.004       Dichlorvos     PASS     ND     0.100     0.001     0.002       Dimethoate     PASS     ND     0.200     0.002     0.005       Ethoprophos     PASS     ND     0.200     0.002     0.006       Etofenprox     PASS     ND     0.400     0.002     0.004       Fenoxycarb     PASS     ND     0.200     0.001     0.004       Fenoxycarb     PASS     ND     0.400     0.002     0.007       Flonicamid     PASS     ND     0.400     0.008     0.223       Flonicamid     PASS     ND     1.000     0.043     0.130       Fludioxonil     PASS     ND     0.200     0.007     0.021       Imazail     PASS     ND     0.400     0.004     0.011       Imazail     PASS     ND     0.200     0.003     0.008       Imazail     PASS     ND     0.200     0.003     0.009		PASS				0.044
Dimethoate     PASS     ND     0.200     0.002     0.005       Ethoprophos     PASS     ND     0.200     0.002     0.006       Etofenprox     PASS     ND     0.400     0.002     0.001       Etosazole     PASS     ND     0.200     0.001     0.004       Fenoxycarb     PASS     ND     0.400     0.002     0.007       Feropyroximate     PASS     ND     0.400     0.008     0.023       Flonicamid     PASS     ND     0.400     0.008     0.030       Flucioxonil     PASS     ND     0.400     0.007     0.021       Imazalil     PASS     ND     0.400     0.007     0.021       Imazalil     PASS     ND     0.200     0.003     0.008       Imidacloprid     PASS     ND     0.200     0.003     0.008       Imidacloprid     PASS     ND     0.200     0.002     0.004       Metataxyl     PASS     ND     0.200     0.002     0.005 </td <td>Diazinon</td> <td>PASS</td> <td>ND</td> <td>0.200</td> <td>0.001</td> <td>0.004</td>	Diazinon	PASS	ND	0.200	0.001	0.004
Ethoprophos     PASS     ND     0.200     0.002     0.006       Etofenprox     PASS     ND     0.400     0.009     0.029       Etoxazole     PASS     ND     0.200     0.001     0.004       Fenoxycarb     PASS     ND     0.200     0.002     0.005       Fenpyroximate     PASS     ND     0.400     0.002     0.007       Fipronil     PASS     ND     0.400     0.008     0.023       Flonicarnid     PASS     ND     0.400     0.010     0.300       Hexythiazox     PASS     ND     0.400     0.007     0.021       Imazalii     PASS     ND     0.200     0.003     0.008       Imidacloprid     PASS     ND     0.200     0.003     0.008       Imidacloprid     PASS     ND     0.200     0.003     0.008       Metalaxyl     PASS     ND     0.200     0.002     0.004       Methiocarb     PASS     ND     0.200     0.002     0.005 </td <td>Dichlorvos</td> <td>PASS</td> <td>ND</td> <td>0.100</td> <td>0.001</td> <td>0.002</td>	Dichlorvos	PASS	ND	0.100	0.001	0.002
Etofenprox     PASS     ND     0.400     0.009     0.029       Etoxazole     PASS     ND     0.200     0.001     0.004       Fenoxycarb     PASS     ND     0.200     0.002     0.005       Fenoxycarb     PASS     ND     0.400     0.002     0.007       Fipricaliti     PASS     ND     0.400     0.008     0.023       Flonicamid     PASS     ND     0.400     0.043     0.130       Flonicamid     PASS     ND     0.400     0.007     0.021       Imazali     PASS     ND     0.400     0.003     0.008       Imidacloprid     PASS     ND     0.400     0.003     0.009       Malathion     PASS     ND     0.400     0.003     0.009       Metalaxyl     PASS     ND     0.200     0.002     0.003       Metalaxyl     PASS     ND     0.200     0.002     0.005       Methiocarb     PASS     ND     0.200     0.002     0.005	Dimethoate	PASS	ND	0.200	0.002	0.005
Etoxazole     PASS     ND     0.200     0.001     0.004       Fenoxycarb     PASS     ND     0.200     0.002     0.005       Fenpyroximate     PASS     ND     0.400     0.002     0.007       Fipronil     PASS     ND     0.400     0.008     0.023       Flonicamid     PASS     ND     1.000     0.043     0.130       Fludioxonil     PASS     ND     0.400     0.010     0.030       Hexythiazox     PASS     ND     0.400     0.007     0.021       Imazalil     PASS     ND     0.400     0.004     0.011       Kresoxim-methyl     PASS     ND     0.400     0.004     0.011       Kresoxim-methyl     PASS     ND     0.400     0.003     0.008       Metalaxyl     PASS     ND     0.200     0.002     0.004       Methiocarb     PASS     ND     0.200     0.002     0.005       Methomyl     PASS     ND     0.200     0.002     0.00	Ethoprophos	PASS	ND	0.200	0.002	0.006
Etoxazole     PASS     ND     0.200     0.001     0.004       Fenoxycarb     PASS     ND     0.200     0.002     0.005       Fenpyroximate     PASS     ND     0.400     0.002     0.007       Fipronil     PASS     ND     0.400     0.008     0.023       Flonicamid     PASS     ND     1.000     0.043     0.130       Fludioxonil     PASS     ND     0.400     0.010     0.030       Hexythiazox     PASS     ND     0.400     0.007     0.021       Imazalil     PASS     ND     0.200     0.003     0.008       Imidacloprid     PASS     ND     0.400     0.004     0.011       Kresoxim-methyl     PASS     ND     0.200     0.002     0.008       Metalaxyl     PASS     ND     0.200     0.002     0.005       Methomyl     PASS     ND     0.200     0.002     0.005       Methoryl parathion     PASS     ND     0.200     0.002 <td< td=""><td>Etofenprox</td><td>PASS</td><td>ND</td><td>0.400</td><td>0.009</td><td>0.029</td></td<>	Etofenprox	PASS	ND	0.400	0.009	0.029
Fenpyroximate     PASS     ND     0.400     0.002     0.007       Fipronil     PASS     ND     0.400     0.008     0.023       Flonicamid     PASS     ND     1.000     0.043     0.130       Fludioxonil     PASS     ND     0.400     0.010     0.030       Hexythiazox     PASS     ND     0.200     0.003     0.008       Imidacloprid     PASS     ND     0.400     0.003     0.008       Imidacloprid     PASS     ND     0.400     0.003     0.008       Metalaxyl     PASS     ND     0.200     0.003     0.008       Metalaxyl     PASS     ND     0.200     0.002     0.004       Methiocarb     PASS     ND     0.200     0.002     0.005       Methyl parathion     PASS     ND     0.200     0.002     0.005       Methyl parathion     PASS     ND     0.200     0.002     0.005       Naled     PASS     ND     0.200     0.0013 <t< td=""><td></td><td>PASS</td><td>ND</td><td>0.200</td><td>0.001</td><td>0.004</td></t<>		PASS	ND	0.200	0.001	0.004
Fenpyroximate     PASS     ND     0.400     0.002     0.007       Fipronil     PASS     ND     0.400     0.008     0.023       Flonicamid     PASS     ND     1.000     0.043     0.130       Fludioxonil     PASS     ND     0.400     0.010     0.030       Hexythiazox     PASS     ND     0.200     0.003     0.008       Imidacloprid     PASS     ND     0.400     0.004     0.011       Kresoxim-methyl     PASS     ND     0.400     0.003     0.008       Malathion     PASS     ND     0.200     0.003     0.008       Metalaxyl     PASS     ND     0.200     0.002     0.004       Methiocarb     PASS     ND     0.200     0.002     0.005       Methyl parathion     PASS     ND     0.200     0.002     0.005       Methyl parathion     PASS     ND     0.200     0.002     0.005       Naled     PASS     ND     0.200     0.004	Fenoxycarb	PASS	ND	0.200	0.002	0.005
Fipronil     PASS     ND     0.400     0.008     0.023       Flonicamid     PASS     ND     1.000     0.043     0.130       Fludioxonil     PASS     ND     0.400     0.010     0.030       Hexythiazox     PASS     ND     1.000     0.007     0.021       Imazalil     PASS     ND     0.400     0.004     0.011       Kresoxim-methyl     PASS     ND     0.400     0.003     0.009       Malathion     PASS     ND     0.400     0.002     0.004       Methiocarb     PASS     ND     0.200     0.002     0.004       Methiocarb     PASS     ND     0.200     0.002     0.005       Methomyl     PASS     ND     0.200     0.002     0.005       Methomyl     PASS     ND     0.200     0.005     0.014       Methyl parathion     PASS     ND     0.200     0.005     0.016       Myclobutanil     PASS     ND     0.200     0.004     0.012	Fenpyroximate	PASS	ND		0.002	0.007
Fludioxonil     PASS     ND     0.400     0.010     0.030       Hexythiazox     PASS     ND     1.000     0.007     0.021       Imazalil     PASS     ND     0.200     0.003     0.008       Imidacloprid     PASS     ND     0.400     0.004     0.011       Kresoxim-methyl     PASS     ND     0.400     0.003     0.009       Malathion     PASS     ND     0.200     0.002     0.004       Metalaxyl     PASS     ND     0.200     0.002     0.005       Methiocarb     PASS     ND     0.200     0.002     0.005       Methomyl     PASS     ND     0.200     0.002     0.005       Methoge     PASS     ND     0.200     0.002     0.005       Methoge     PASS     ND     0.200     0.002     0.005       Methoryl     PASS     ND     0.200     0.002     0.005       Methoge     PASS     ND     0.200     0.004     0.012 <td></td> <td>PASS</td> <td>ND</td> <td>0.400</td> <td>0.008</td> <td>0.023</td>		PASS	ND	0.400	0.008	0.023
Hexythiazox     PASS     ND     1.000     0.007     0.021       Imazalil     PASS     ND     0.200     0.003     0.008       Imidacloprid     PASS     ND     0.400     0.004     0.011       Kresoxim-methyl     PASS     ND     0.400     0.003     0.009       Malathion     PASS     ND     0.200     0.002     0.004       Methicarb     PASS     ND     0.200     0.002     0.004       Methicarb     PASS     ND     0.200     0.002     0.004       Methicarb     PASS     ND     0.200     0.002     0.005       Methomyl     PASS     ND     0.200     0.002     0.005       Methyl parathion     PASS     ND     0.200     0.002     0.005       Malad     PASS     ND     0.200     0.002     0.005       Malad     PASS     ND     0.200     0.001     0.002       Methyl parathion     PASS     ND     0.200     0.001     0.002 <td>Flonicamid</td> <td>PASS</td> <td>ND</td> <td>1.000</td> <td>0.043</td> <td>0.130</td>	Flonicamid	PASS	ND	1.000	0.043	0.130
Hexythiazox     PASS     ND     1.000     0.007     0.021       Imazalil     PASS     ND     0.200     0.003     0.008       Imidacloprid     PASS     ND     0.400     0.004     0.011       Kresoxim-methyl     PASS     ND     0.400     0.003     0.009       Malathion     PASS     ND     0.200     0.002     0.004       Methiccarb     PASS     ND     0.200     0.002     0.004       Methiccarb     PASS     ND     0.200     0.002     0.005       Methomyl     PASS     ND     0.200     0.002     0.005       Methyl parathion     PASS     ND     0.200     0.002     0.005       Myclobutanil     PASS     ND     0.200     0.002     0.005       Naled     PASS     ND     0.200     0.004     0.012       Oxamyl     PASS     ND     0.200     0.001     0.002       Permethrins     PASS     ND     0.200     0.001     0.002 <td>Fludioxonil</td> <td>PASS</td> <td>ND</td> <td>0.400</td> <td>0.010</td> <td>0.030</td>	Fludioxonil	PASS	ND	0.400	0.010	0.030
Imidacloprid     PASS     ND     0.400     0.004     0.011       Kresoxim-methyl     PASS     ND     0.400     0.003     0.009       Malathion     PASS     ND     0.200     0.003     0.008       Metalaxyl     PASS     ND     0.200     0.002     0.004       Methiocarb     PASS     ND     0.200     0.002     0.005       Methomyl     PASS     ND     0.200     0.005     0.014       Methyl parathion     PASS     ND     0.200     0.005     0.016       Myclobutanil     PASS     ND     0.200     0.005     0.016       Myclobutanil     PASS     ND     0.200     0.001     0.005       Naled     PASS     ND     0.500     0.004     0.012       Oxamyl     PASS     ND     0.200     0.001     0.002       Permethrins     PASS     ND     0.200     0.001     0.004       Piperonyl Butoxide     PASS     ND     0.200     0.001 <t< td=""><td>Hexythiazox</td><td>PASS</td><td>ND</td><td></td><td>0.007</td><td>0.021</td></t<>	Hexythiazox	PASS	ND		0.007	0.021
Kresoxim-methyl     PASS     ND     0.400     0.003     0.009       Malathion     PASS     ND     0.200     0.003     0.008       Metalaxyl     PASS     ND     0.200     0.002     0.004       Methiocarb     PASS     ND     0.200     0.002     0.005       Methomyl     PASS     ND     0.400     0.005     0.014       Methonyl     PASS     ND     0.200     0.002     0.005       Methyl parathion     PASS     ND     0.200     0.002     0.005       Myclobutanil     PASS     ND     0.200     0.002     0.005       Naled     PASS     ND     0.500     0.004     0.012       Oxamyl     PASS     ND     0.400     0.009     0.028       Permethrins     PASS     ND     0.200     0.001     0.002       Phosmet     PASS     ND     0.200     0.001     0.004       Propiconazole     PASS     ND     0.200     0.001     0.004	Imazalil	PASS	ND	0.200	0.003	0.008
Malathion     PASS     ND     0.200     0.003     0.008       Metalaxyl     PASS     ND     0.200     0.002     0.004       Methiocarb     PASS     ND     0.200     0.002     0.005       Methonyl     PASS     ND     0.400     0.005     0.014       Methyl parathion     PASS     ND     0.200     0.002     0.005       Myclobutanil     PASS     ND     0.200     0.002     0.005       Naled     PASS     ND     0.200     0.002     0.005       Naled     PASS     ND     0.200     0.004     0.012       Oxamyl     PASS     ND     0.400     0.009     0.288       Permethrins     PASS     ND     0.200     0.001     0.002       Phosmet     PASS     ND     0.200     0.001     0.002       Propiconazole     PASS     ND     0.200     0.001     0.004       Propiconazole     PASS     ND     0.200     0.004     0.011 </td <td>Imidacloprid</td> <td>PASS</td> <td>ND</td> <td>0.400</td> <td>0.004</td> <td>0.011</td>	Imidacloprid	PASS	ND	0.400	0.004	0.011
Metalaxyl     PASS     ND     0.200     0.002     0.004       Methiocarb     PASS     ND     0.200     0.002     0.005       Methomyl     PASS     ND     0.400     0.005     0.014       Methyl parathion     PASS     ND     0.200     0.005     0.016       Myclobutanil     PASS     ND     0.200     0.002     0.005       Naled     PASS     ND     0.500     0.004     0.012       Oxamyl     PASS     ND     1.000     0.013     0.040       Paclobutrazol     PASS     ND     0.400     0.009     0.028       Permethrins     PASS     ND     0.200     0.001     0.002       Phosmet     PASS     ND     0.200     0.001     0.004       Propiconazole     PASS     ND     0.200     0.001     0.004       Propoxur     PASS     ND     0.200     0.001     0.004       Propoxur     PASS     ND     0.200     0.001     0.001	Kresoxim-methyl	PASS	ND	0.400	0.003	0.009
Methiocarb     PASS     ND     0.200     0.002     0.005       Methomyl     PASS     ND     0.400     0.005     0.014       Methyl parathion     PASS     ND     0.200     0.005     0.016       Myclobutanil     PASS     ND     0.200     0.002     0.005       Naled     PASS     ND     0.500     0.004     0.012       Oxamyl     PASS     ND     1.000     0.013     0.040       Paclobutrazol     PASS     ND     0.400     0.009     0.028       Permethrins     PASS     ND     0.200     0.001     0.002       Phosmet     PASS     ND     0.200     0.001     0.004       Piperonyl Butoxide     PASS     ND     0.200     0.001     0.004       Propiconazole     PASS     ND     0.200     0.001     0.004       Propoxur     PASS     ND     0.200     0.001     0.004       Propoxur     PASS     ND     0.200     0.001     0.004<	Malathion	PASS	ND	0.200	0.003	0.008
Methomyl     PASS     ND     0.400     0.005     0.014       Methyl parathion     PASS     ND     0.200     0.005     0.016       Myclobutanil     PASS     ND     0.200     0.002     0.005       Naled     PASS     ND     0.500     0.004     0.012       Oxamyl     PASS     ND     1.000     0.013     0.040       Paclobutrazol     PASS     ND     0.400     0.009     0.028       Permethrins     PASS     ND     0.200     0.001     0.002       Phosmet     PASS     ND     0.200     0.001     0.002       Phosmet     PASS     ND     0.200     0.001     0.004       Piperonyl Butoxide     PASS     ND     0.200     0.001     0.004       Propiconazole     PASS     ND     0.200     0.001     0.004       Propoxur     PASS     ND     0.200     0.001     0.004       Propoxur     PASS     ND     0.200     0.000     0.001 <td>Metalaxyl</td> <td>PASS</td> <td>ND</td> <td>0.200</td> <td>0.002</td> <td>0.004</td>	Metalaxyl	PASS	ND	0.200	0.002	0.004
Methyl parathion     PASS     ND     0.200     0.005     0.016       Myclobutanil     PASS     ND     0.200     0.002     0.005       Naled     PASS     ND     0.500     0.004     0.012       Oxamyl     PASS     ND     1.000     0.013     0.040       Paclobutrazol     PASS     ND     0.400     0.009     0.028       Permethrins     PASS     ND     0.200     0.001     0.002       Phosmet     PASS     ND     0.200     0.001     0.002       Priperonyl Butoxide     PASS     ND     2.000     0.048     0.145       Prallethrin     PASS     ND     0.200     0.001     0.004       Propiconazole     PASS     ND     0.200     0.001     0.004       Propoxur     PASS     ND     0.200     0.001     0.005       Pyrethrins     PASS     ND     0.200     0.001     0.004       Pyridaben     PASS     ND     0.200     0.001     0	Methiocarb	PASS	ND	0.200	0.002	0.005
Myclobutanil     PASS     ND     0.200     0.002     0.005       Naled     PASS     ND     0.500     0.004     0.012       Oxamyl     PASS     ND     1.000     0.013     0.040       Paclobutrazol     PASS     ND     0.400     0.009     0.028       Permethrins     PASS     ND     0.400     0.001     0.002       Phosmet     PASS     ND     0.200     0.001     0.004       Piperonyl Butoxide     PASS     ND     0.200     0.001     0.004       Propiconazole     PASS     ND     0.200     0.001     0.004       Propoxur     PASS     ND     0.200     0.001     0.004       Propoxur     PASS     ND     0.200     0.001     0.004       Propoxur     PASS     ND     0.200     0.001     0.005       Pyrethrins     PASS     ND     0.200     0.001     0.001       Pyridaben     PASS     ND     0.200     0.001     0.004	Methomyl	PASS	ND	0.400	0.005	0.014
Naled     PASS     ND     0.500     0.004     0.012       Oxamyl     PASS     ND     1.000     0.013     0.040       Paclobutrazol     PASS     ND     0.400     0.009     0.028       Permethrins     PASS     ND     0.200     0.001     0.002       Phosmet     PASS     ND     0.200     0.001     0.004       Piperonyl Butoxide     PASS     ND     2.000     0.048     0.145       Prallethrin     PASS     ND     0.200     0.001     0.004       Propiconazole     PASS     ND     0.200     0.001     0.004       Propoxur     PASS     ND     0.200     0.001     0.004       Propoxur     PASS     ND     0.200     0.001     0.001       Pyrethrins     PASS     ND     0.200     0.001     0.001       Pyridaben     PASS     ND     0.200     0.001     0.004       Spinosad     PASS     ND     0.200     0.001     0.001	Methyl parathion		ND			
Oxamyl     PASS     ND     1.000     0.013     0.040       Paclobutrazol     PASS     ND     0.400     0.009     0.028       Permethrins     PASS     ND     0.200     0.001     0.002       Phosmet     PASS     ND     0.200     0.001     0.004       Piperonyl Butoxide     PASS     ND     2.000     0.048     0.145       Prallethrin     PASS     ND     0.200     0.001     0.004       Propiconazole     PASS     ND     0.200     0.001     0.004       Propoxur     PASS     ND     0.200     0.001     0.004       Propoxur     PASS     ND     0.200     0.001     0.001       Pyrethrins     PASS     ND     0.200     0.000     0.001       Pyridaben     PASS     ND     0.200     0.001     0.004       Spinosad     PASS     ND     0.200     0.001     0.004	Myclobutanil					
Paclobutrazol     PASS     ND     0.400     0.009     0.028       Permethrins     PASS     ND     0.200     0.001     0.002       Phosmet     PASS     ND     0.200     0.001     0.002       Piperonyl Butoxide     PASS     ND     2.000     0.048     0.145       Prallethrin     PASS     ND     0.200     0.001     0.004       Propiconazole     PASS     ND     0.200     0.001     0.004       Propoxur     PASS     ND     0.200     0.001     0.001       Pyrethrins     PASS     ND     0.200     0.002     0.005       Pyrethrins     PASS     ND     1.000     0.000     0.001       Pyridaben     PASS     ND     0.200     0.001     0.004       Spinosad     PASS     ND     0.200     0.001     0.001	Naled	PASS	ND	0.500	0.004	0.012
Permethrins     PASS     ND     0.200     0.001     0.002       Phosmet     PASS     ND     0.200     0.001     0.004       Piperonyl Butoxide     PASS     ND     2.000     0.048     0.145       Prallethrin     PASS     ND     0.200     0.001     0.004       Propiconazole     PASS     ND     0.400     0.004     0.011       Propoxur     PASS     ND     0.200     0.002     0.005       Pyrethrins     PASS     ND     1.000     0.000     0.001       Pyridaben     PASS     ND     0.200     0.001     0.004       Spinosad     PASS     ND     0.200     0.001     0.004	Oxamyl	PASS	ND	1.000	0.013	0.040
Phosmet     PASS     ND     0.200     0.001     0.004       Piperonyl Butoxide     PASS     ND     2.000     0.048     0.145       Prallethrin     PASS     ND     0.200     0.001     0.004       Propiconazole     PASS     ND     0.400     0.004     0.011       Propoxur     PASS     ND     0.200     0.002     0.005       Pyrethrins     PASS     ND     1.000     0.000     0.001       Pyridaben     PASS     ND     0.200     0.001     0.004       Spinosad     PASS     ND     0.200     0.001     0.004	Paclobutrazol		ND	0.400	0.009	0.028
Piperonyl Butoxide     PASS     ND     2.000     0.048     0.145       Prallethrin     PASS     ND     0.200     0.001     0.004       Propiconazole     PASS     ND     0.400     0.004     0.011       Propoxur     PASS     ND     0.200     0.002     0.005       Pyrethrins     PASS     ND     1.000     0.000     0.001       Pyridaben     PASS     ND     0.200     0.001     0.004       Spinosad     PASS     ND     0.200     0.001     0.004	Permethrins	PASS	ND	0.200		0.002
Prallethrin     PASS     ND     0.200     0.001     0.004       Propiconazole     PASS     ND     0.400     0.004     0.011       Propoxur     PASS     ND     0.200     0.002     0.005       Pyrethrins     PASS     ND     1.000     0.000     0.001       Pyridaben     PASS     ND     0.200     0.001     0.004       Spinosad     PASS     ND     0.200     0.001     0.004						
Propiconazole     PASS     ND     0.400     0.004     0.011       Propoxur     PASS     ND     0.200     0.002     0.005       Pyrethrins     PASS     ND     1.000     0.000     0.001       Pyridaben     PASS     ND     0.200     0.001     0.004       Spinosad     PASS     ND     0.200     0.001     0.001	Piperonyl Butoxide	PASS	ND	2.000	0.048	0.145
Propoxur     PASS     ND     0.200     0.002     0.005       Pyrethrins     PASS     ND     1.000     0.000     0.001       Pyridaben     PASS     ND     0.200     0.001     0.004       Spinosad     PASS     ND     0.200     0.001     0.001	Prallethrin					0.004
Pyrethrins     PASS     ND     1.000     0.000     0.001       Pyridaben     PASS     ND     0.200     0.001     0.004       Spinosad     PASS     ND     0.200     0.000     0.001	Propiconazole		ND			0.011
Pyridaben     PASS     ND     0.200     0.001     0.004       Spinosad     PASS     ND     0.200     0.000     0.001						
Spinosad PASS ND 0.200 0.000 0.001						
Spiromosifon DASS ND 0.200 0.001 0.002						
	Spiromesifen	PASS	ND	0.200	0.001	0.003
Spirotetramat     PASS     ND     0.200     0.005     0.015	Spirotetramat					
Spiroxamine     PASS     ND     0.400     0.002     0.006						
Tebuconazole     PASS     ND     0.400     0.006     0.017						
Thiacloprid     PASS     ND     0.200     0.002     0.007						
Thiamethoxam     PASS     ND     0.200     0.002     0.007						
Trifloxystrobin PASS ND 0.200 0.015 0.045	Trifloxystrobin	PASS	ND	0.200	0.015	0.045







Mycotoxins			PASS	
Mycotoxins (LC-MS) - L	.imit units: ug/kg = ppb   ⊤e	st ID: #77307		
Analyte	Pass/Fail	Result (µg/kg)	Limit	LOD (µg/kg)
Aflatoxin B1	PASS	ND	20.0	0.679
Aflatoxin B2	PASS	ND	20.0	0.433
Aflatoxin G1	PASS	ND	20.0	0.373
Aflatoxin G2	PASS	ND	20.0	0.632
Ochratoxin A	PASS	ND	20.0	0.446

### **Residual Solvents**

Pass

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (HS-GC-MS) - Limit units: µg/g | Test ID: #77309

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)	LOQ (µg/g)
Propane	Pass	ND	5000	187.88	626.28
2-Methylpropane	Pass	ND	5000	93.50	311.66
n-Butane	Pass	ND	5000	99.75	332.51
Neopentane	Pass	ND	5000	248.23	827.43
Methanol	Pass	ND	3000	208.89	696.29
Isopentane	Pass	ND	5000	506.34	1687.79
n-Pentane	Pass	ND	5000	393.23	1310.76
Ethanol	Pass	ND	5000	346.28	1154.27
Ethyl Ether	Pass	ND	5000	400.67	1335.56
2,2-Dimethylbutane	Pass	ND	290	56.50	188.34
Acetone	Pass	ND	1000	42.17	140.57
Isopropanol	Pass	ND	5000	260.56	868.52
Acetonitrile	Pass	ND	410	54.54	181.79
2,3-Dimethylbutane	Pass	ND	290	2.54	8.48
Dichloromethane	Pass	ND	600	14.22	47.41
2-Methylpentane	Pass	ND	290	47.80	159.35
3-Methylpentane	Pass	ND	290	53.27	177.57
n-Hexane	Pass	ND	290	49.79	165.98
Ethyl Acetate	Pass	ND	5000	334.29	1114.30
Chloroform	Pass	ND	60	1.04	3.46
Benzene	Pass	ND	2	0.18	0.61
Isopropyl Acetate	Pass	ND	5000	377.60	1258.67
n-Heptane	Pass	ND	5000	667.21	2224.02
Toluene	Pass	ND	890	68.95	229.84
Ethyl Benzene	Pass	ND	2170	181.59	605.30
m,p-Xylene	Pass	ND	2170	421.85	1406.18
o-Xylene	Pass	ND	2710	206.87	689.57
Total Xylene	Pass	ND	2170	6.90	22.99

Microbials	PASS
Microbial analysis utilizing quantitative Polymerase Chain F	Reaction and microbial enumeration - Limit units: CFU/g

Analyte	Results (CFU/g)	Limit (CFU/g)	Pass/Fail
Aspergillus Fumigatus	ND	Detectable in 1 gram	Pass
Aspergillus Niger	ND	Detectable in 1 gram	Pass
Aspergillus Flavus1	ND	Detectable in 1 gram	Pass
Aspergillus Terrus	ND	Detectable in 1 gram	Pass
Shiga Toxin E.Coli	ND	Detectable in 1 gram	Pass
Salmonella	ND	Detectable in 1 gram	Pass
Total Yeast and Mold	0	10,000 CFU/g	Pass
Total Coliforms	18	100 CFU/g	Pass







# Regulatory Compliance Testing Certificate of Analysis

Foreign Material	Pass
Foreign Matter Inspection	
Analyte	Pass/Fail
Foreign Matter	Pass

I hereby attest that all information contained within this report is complete and accurate, and further that all LQC samples have met required regulatory standards as enacted by the Mississippi Medical Cannabis Program as administered by the Mississippi Department of Health.

Whitney Maris

Whitney Morris Laboratory Director Date: 1/22/2025





