

# Certificate of Analysis

Apache County Dispensary LLC. DBA Curagreen/Flow Processing

2155 E 5th St  
Tempe, AZ 85281  
jonm@flowdistribution.com  
(480) 228-2512  
Lic. #00000133ESGJ79432018

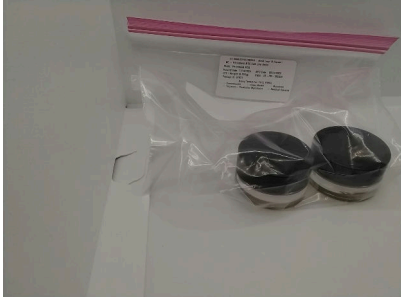
Sample: 2505LVL0453.2328

Secondary License: ; Chain of Distribution:  
Strain: Permanent MSG; Batch Size: 10 g; External Batch ID: GE-PM-052025  
Sample Received: 05/21/2025; Report Created: 05/29/2025; Report Expiration: 05/29/2026  
Sampling Date: 05/21/2025; Sampling Time: 9 am; Sampling Person: JM  
Harvest Date: 11/18/2024; Manufacturing Date: 05/21/2025; External Lot ID:  
Date of Pickup: 05/21/2025 Time Collected: 3:27

## GE - Permanent MSG Bulk Live Resin

Concentrates & Extracts, Live Resin, Butane



	<b>67.26%</b>	<b>ND</b>	<b>79.01%</b>
	Total THC	Total CBD	
	<b>77.51 mg/g</b>	<b>Not Tested</b>	Total Cannabinoids (Q3)
	Total Terpenes (Q3)	NT Moisture (Q3)	

## Cannabinoids

Complete

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	1.99	73.40	734.0	
Δ9-THC	1.99	2.89	28.9	
Δ8-THC	1.99	ND	ND	Q3
THCVa	1.99	<LOQ	<LOQ	Q3
THCV	1.99	ND	ND	Q3
CBDa	1.99	ND	ND	
CBD	1.99	ND	ND	
CBDVa	1.99	ND	ND	Q3
CBDV	1.99	ND	ND	Q3
CBN	1.99	ND	ND	Q3
CBGa	1.99	2.72	27.2	Q3
CBG	1.99	ND	ND	Q3
CBCa	1.99	<LOQ	<LOQ	Q3
CBC	1.99	ND	ND	Q3
<b>Total</b>		<b>79.01</b>	<b>790.1</b>	<b>Q3</b>

Qualifiers:  
Date Tested: 05/23/2025 12:00 am

Total THC = THCa \* 0.877 + Δ9-THC  
Total CBD = CBDa \* 0.877 + CBD

The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Cannabinoid potency performed by HPLC-DAD per SOP-(1608). ADHS approved method for potency by HPLC-DAD for all listed analytes.

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### Terpenes

Analyte	LOQ	Result	Result	Qualifier	Analyte	LOQ	Result	Result	Qualifier
	mg/g	mg/g	%			mg/g	mg/g	%	
Farnesene	0.05	30.32	3.032	Q3	cis-Nerolidol	0.60	ND	ND	Q3
β-Caryophyllene	0.60	20.04	2.004	Q3	Citronellol	3.02	ND	ND	Q3
δ-Limonene	0.60	7.40	0.740	Q3	Eucalyptol	0.30	ND	ND	Q3
α-Humulene	0.30	5.63	0.563	Q3	Fenchone	0.60	ND	ND	Q3
β-Myrcene	0.30	2.85	0.285	Q3	γ-Terpinene	0.30	ND	ND	Q3
cis-Ocimene	0.09	2.34	0.234	Q3	γ-Terpineol	0.06	ND	ND	Q3
Linalool	0.60	2.13	0.213	Q3	Geraniol	6.03	ND	ND	Q3
α-Pinene	0.30	1.47	0.147	Q3	Geranyl Acetate	0.30	ND	ND	Q3
α-Bisabolol	0.30	1.45	0.145	Q3	Guaiol	0.30	ND	ND	Q3
Fenchol	0.30	1.40	0.140	Q3	Isoborneol	3.02	ND	ND	Q3
α-Terpineol	0.49	1.27	0.127	Q3	Isopulegol	0.30	ND	ND	Q3
β-Pinene	0.60	0.75	0.075	Q3	Menthol	0.30	ND	ND	Q3
Caryophyllene	0.30	0.46	0.046	Q3	Nerol	0.30	ND	ND	Q3
Oxide	0.30	0.46	0.046	Q3	Pulegone	0.30	ND	ND	Q3
3-Carene	0.60	ND	ND	Q3	p-Cymene	0.30	ND	ND	Q3
α-Cedrene	0.30	ND	ND	Q3	Sabinene	0.30	ND	ND	Q3
α-Phellandrene	0.30	ND	ND	Q3	Sabinene Hydrate	0.30	ND	ND	Q3
α-Terpinene	0.30	ND	ND	Q3	Terpinolene	0.60	<LOQ	<LOQ	Q3
β-Eudesmol	0.30	ND	ND	Q3	trans-Nerolidol	0.30	ND	ND	Q3
Borneol	0.91	ND	ND	Q3	trans-Ocimene	0.20	ND	ND	Q3
Camphene	0.30	<LOQ	<LOQ	Q3	Valencene	0.30	ND	ND	Q3
Camphor	1.21	ND	ND	Q3					
Cedrol	0.30	ND	ND	Q3					

### Primary Aromas



Magnolia



Cinnamon



Lemon



Hops



Earthy

**77.51 mg/g**

Total Terpenes

Qualifiers:  
Date Tested: 05/23/2025 12:00 am

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Qualifying code Q3: For informational purposes only.



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## Residual Solvents

Pass

Analyte	LOQ	Limit	Result	Status	Qualifier
	PPM	PPM	PPM		
Acetone	362.650	1000.000	ND	Pass	
Acetonitrile	147.420	410.000	ND	Pass	
Benzene	0.720	2.000	ND	Pass	
Butanes	2412.850	5000.000	ND	Pass	
Chloroform	21.720	60.000	ND	Pass	
Dichloromethane	220.670	600.000	ND	Pass	
Ethanol	1799.300	5000.000	ND	Pass	
Ethyl-Acetate	1801.000	5000.000	ND	Pass	
Ethyl-Ether	1793.980	5000.000	ND	Pass	
Heptane	1796.590	5000.000	ND	Pass	
Hexanes	103.560	290.000	ND	Pass	
Isopropanol	1790.860	5000.000	ND	Pass	
Isopropyl-Acetate	1794.180	5000.000	ND	Pass	
Methanol	1073.690	3000.000	ND	Pass	
Pentanes	1805.820	5000.000	ND	Pass	
Toluene	323.130	890.000	ND	Pass	
Xylenes	774.220	2170.000	ND	Pass	

# LEVEL ONE

Qualifiers:

Date Tested: 05/21/2025 07:00 am

Performed by GCMS-HS per SOP-LM-014. Methods used per AZDHS R9-17-404.03 and solvent limits set by AZDHS R9-17 Table 3.1. ADHS approved method for residual solvents by GCMS-HS for all listed analytes.



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Laboratory Director

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Concentrates & Extracts, Live Resin, Butane



### Pesticides

Pass

Analyte	LOQ	Limit	Units	Status	Qualifier	Analyte	LOQ	Limit	Units	Status	Qualifier
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.030	0.500	ND	Pass	V1 M2	Hexythiazox	0.040	1.000	ND	Pass	V1 L1
Acephate	0.040	0.400	ND	Pass	V1	Imazalil	0.040	0.200	ND	Pass	V1 L1
Acetamiprid	0.040	0.200	ND	Pass	V1 L1	Imidacloprid	0.040	0.400	ND	Pass	
Aldicarb	0.040	0.400	ND	Pass	V1	Kresoxim Methyl	0.040	0.400	ND	Pass	V1
Azoxystrobin	0.040	0.200	ND	Pass	V1 L1	Malathion	0.040	0.200	ND	Pass	V1 L1
Bifenazate	0.040	0.200	ND	Pass	L1	Metalaxyl	0.040	0.200	ND	Pass	V1 L1
Bifenthrin	0.040	0.200	ND	Pass	L1 M2	Methiocarb	0.040	0.200	ND	Pass	V1 L1
Boscalid	0.040	0.400	ND	Pass	V1 L1	Methomyl	0.040	0.400	ND	Pass	V1
Carbaryl	0.040	0.200	ND	Pass	V1	Myclobutanil	0.040	0.200	ND	Pass	V1
Carbofuran	0.040	0.200	ND	Pass	V1	Naled	0.040	0.500	ND	Pass	
Chlorantraniliprole	0.040	0.200	ND	Pass	V1	Oxamyl	0.040	1.000	ND	Pass	V1 L1
Chlorfenapyr	0.440	1.000	ND	Pass	V1 M1 R1	Paclobutrazol	0.040	0.400	ND	Pass	V1 L1
Chlorpyrifos	0.040	0.200	ND	Pass	L1	Permethrins	0.040	0.200	ND	Pass	V1 L1
Clofentezine	0.040	0.200	ND	Pass		Phosmet	0.040	0.200	ND	Pass	V1 L1
Cyfluthrin	0.440	1.000	ND	Pass	L1	Piperonyl Butoxide	0.040	2.000	ND	Pass	V1
Cypermethrin	0.040	1.000	ND	Pass	L1	Prallethrin	0.040	0.200	ND	Pass	
Daminozide	0.440	1.000	ND	Pass	V1	Propiconazole	0.040	0.400	ND	Pass	
Dichlorvos (DDVP)	0.040	0.100	ND	Pass	V1 M1	Propoxur	0.040	0.200	ND	Pass	V1 L1
Diazinon	0.040	0.200	ND	Pass	V1	Pyrethrins	0.440	1.000	ND	Pass	M1
Dimethoate	0.040	0.200	ND	Pass	V1 L1	Pyridaben	0.040	0.200	ND	Pass	V1 L1 M2
Ethoprophos	0.040	0.200	ND	Pass	V1	Spinosad	0.040	0.200	ND	Pass	V1 L1 M2
Etofenprox	0.040	0.400	ND	Pass	L1 M2	Spiromesifen	0.040	0.200	ND	Pass	M2
Etoxazole	0.040	0.200	ND	Pass	V1	Spirotetramat	0.040	0.200	ND	Pass	
Fenoxycarb	0.040	0.200	ND	Pass	V1	Spiroxamine	0.040	0.400	ND	Pass	V1 L1
Fenpyroximate	0.040	0.400	ND	Pass		Tebuconazole	0.040	0.400	ND	Pass	V1
Fipronil	0.040	0.400	ND	Pass	V1 L1	Thiacloprid	0.040	0.200	ND	Pass	V1 L1
Flonicamid	0.040	1.000	ND	Pass	V1 L1	Thiamethoxam	0.040	0.200	ND	Pass	V1
Fludioxonil	0.040	0.400	ND	Pass	V1 L1	Trifloxystrobin	0.040	0.200	ND	Pass	V1

### Herbicides

Analyte	LOQ	Limit	Units	Status
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#### Qualifiers:

Date Tested: 05/21/2025 12:00 am

Performed by LCMSMS per SOP-LM-021 and SOP-LM-022. ND = Not Detected; NR = Not Reported. Methods used per AZDHS R9-17-404.03 and pesticide limits set by AZDHS R9-17 Table 3.1. ADHS approved method for pesticide testing by LCMSMS for full list effective 5/1/2021.



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## Mycotoxins

Pass

Total Ochratoxins Date Tested: 05/24/2025  
Total Aflatoxins Date Tested: 05/24/2025

Analyte	LOQ	Limit	Result	Status	Qualifier
	µg/kg	µg/kg	µg/kg		
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	ND	Pass	
Total Ochratoxins (A and B)	2.00	20.00	3.76	Pass	

# LEVEL ONE

TNTC = Too Numerous to Count. The lower limit of quantification for Aflatoxin is 4ppb and the lower limit of quantification for Ochratoxin is 2ppb unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: direct ELISA produced by Romer Labs and read on Bio-Tek 800TS microplate reader. Procedure followed SOP-LM-018. Methods used per AZDHS R9-17-404.03 and R9-17-404.04 and limits set by AZDHS R9-17 Table 3.1. ADHS approved method.



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## Microbials

Pass

Analyte	Result	Result Units	Status	Qualifier
E. Coli	<10	CFU/G	Pass	
Salmonella	Not Detected	in one gram	Pass	
Aspergillus terreus	Not Detected	in one gram	Pass	
Aspergillus fumigatus, Aspergillus flavus, and Aspergillus niger	Not Detected	in one gram	Pass	

Qualifiers:  
Date Tested: 05/23/2025 12:00 am

TNTC = Too Numerous to Count. The lower limit of quantification for E. coli is 10 CFU/g unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: E. coli plating via 3M Petrifilm per SOP-LM-019, Salmonella spp. And Aspergillus spp. detection by Bio-Rad CFX96 Deep Well real-time PCR per SOP-LM-016 & SOP-LM-017. Methods used per AZDHS R9-17-404.04 and microbial limits set by AZDHS R9-17 Table 3.1. ADHS approved method for microbials for all listed organisms.



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## Heavy Metals

Pass

Analyte	Result	LOQ	Limit	Status	Qualifier
	PPM	PPM	PPM		
Arsenic	<0.140	0.140	0.400	Pass	
Cadmium	<0.140	0.140	0.400	Pass	
Lead	<0.140	0.140	1.000	Pass	
Mercury	ND	0.140	0.200	Pass	

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