

**SAMPLE NAME:** P Mendolovefarms GyptheBlood - Mike Kahn  
Flower, Inhalable

## CULTIVATOR / MANUFACTURER

**Business Name:**  
**License Number:**  
**Address:**

## DISTRIBUTOR / TESTED FOR

**Business Name:** Emerald Cup 2022  
**License Number:**  
**Address:** P.O. Box 400  
Willits CA 95490

## SAMPLE DETAIL

**Batch Number:**  
**Sample ID:** 220224Q036  
**Source Metric UID:**

**Date Collected:** 02/24/2022  
**Date Received:** 02/25/2022  
**Batch Size:** 9.0 grams  
**Sample Size:** 9.0 grams  
**Unit Mass:**  
**Serving Size:**



Scan QR code to verify  
authenticity of results.

## CANNABINOID ANALYSIS - SUMMARY

CALCULATED USING DRY-WEIGHT

**Sum of Cannabinoids:** 39.24%  
**Total Cannabinoids:** 34.5%  
**Total THC:** 33.4%  
**Total CBD:** 0.088%

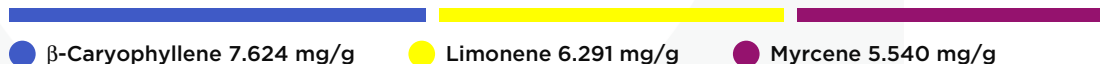
Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa +  
THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^8$ -THC + CBL + CBN  
Total Cannabinoids = ( $\Delta^9$ -THC + 0.877\*THCa) + (CBD + 0.877\*CBDa) +  
(CBG + 0.877\*CBGa) + (THCV + 0.877\*THCVa) + (CBC + 0.877\*CBCa) +  
(CBDV + 0.877\*CBDVa) +  $\Delta^8$ -THC + CBL + CBN  
Total THC/CBD is calculated using the following formulas to take into  
account the loss of a carboxyl group during the decarboxylation step:  
Total THC =  $\Delta^9$ -THC + (THCa (0.877))  
Total CBD = CBD + (CBDa (0.877))

**Moisture:** 12.3%

## TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

**Total Terpenoids:** 2.9406%



## SAFETY ANALYSIS - SUMMARY

**Pesticides:** ✓ PASS

**Heavy Metals:** ✓ PASS

For quality assurance purposes. Not a Regulatory Compliance Testing Certificate. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

**Sample Certification:** California Code of Regulations Title 16 Effect Date January 16, 2019. Authority: Section 26013, Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

**Decision Rule:** Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

*Ali Bradford* *Josh Wurzer*  
LQC verified by: Alexandria Bradford Approved by: Josh Wurzer, President  
Date: 02/27/2022 Date: 02/27/2022



### CANNABINOID TEST RESULTS - 02/25/2022

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD). Calculated using Dry-Weight. **Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

#### TOTAL CANNABINOIDS: 34.5%

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ<sup>8</sup>-THC + CBL + CBN

#### TOTAL THC: 33.4%

Total THC (Δ<sup>9</sup>-THC+0.877\*THCa)

#### TOTAL CBD: 0.088%

Total CBD (CBD+0.877\*CBDA)

#### TOTAL CBG: 0.57%

Total CBG (CBG+0.877\*CBGa)

#### TOTAL THCV: 0.122%

Total THCV (THCV+0.877\*THCVa)

#### TOTAL CBC: 0.3%

Total CBC (CBC+0.877\*CBCa)

#### TOTAL CBDV: ND

Total CBDV (CBDV+0.877\*CBDVa)

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
THCa	0.04 / 0.24	±12.065	375.87	37.587
CBGa	0.1 / 0.4	±0.28	5.2	0.52
Δ <sup>9</sup> -THC	0.1 / 0.4	±0.13	4.4	0.44
CBCa	0.1 / 0.4	±0.23	3.4	0.34
THCVa	0.05 / 0.17	±0.033	1.39	0.139
CBG	0.2 / 0.5	±0.07	1.1	0.11
CBDA	0.06 / 0.22	±0.033	1.00	0.100
CBC	0.1 / 0.2	N/A	<LOQ	<LOQ
Δ <sup>8</sup> -THC	0.05 / 0.50	N/A	ND	ND
THCV	0.07 / 0.21	N/A	ND	ND
CBD	0.1 / 0.3	N/A	ND	ND
CBDV	0.1 / 0.3	N/A	ND	ND
CBDVa	0.02 / 0.22	N/A	ND	ND
CBL	0.1 / 0.4	N/A	ND	ND
CBN	0.07 / 0.20	N/A	ND	ND
SUM OF CANNABINOIDS			392.4 mg/g	39.24%

#### MOISTURE TEST RESULT

12.3%

Tested 02/25/2022

Method: QSP 1224 -

Loss on Drying (Moisture)

### TERPENOID TEST RESULTS - 02/27/2022

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID). **Method:** QSP 1192 - Analysis of Terpenoids by GC-FID

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
β-Caryophyllene	0.004 / 0.013	±0.4102	7.624	0.7624
Limonene	0.005 / 0.016	±0.2051	6.291	0.6291
Myrcene	0.007 / 0.025	±0.1961	5.540	0.5540
α-Bisabolol	0.008 / 0.026	±0.1043	2.426	0.2426
α-Humulene	0.009 / 0.031	±0.1139	2.117	0.2117
trans-β-Farnesene	0.008 / 0.028	±0.0842	1.477	0.1477
Linalool	0.009 / 0.030	±0.0334	0.849	0.0849

### TERPENOID TEST RESULTS - 02/27/2022 continued

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
β-Pinene	0.004 / 0.015	±0.0258	0.799	0.0799
Nerolidol	0.006 / 0.020	±0.0361	0.456	0.0456
α-Pinene	0.005 / 0.015	±0.0155	0.433	0.0433
Terpineol	0.008 / 0.025	±0.0244	0.399	0.0399
Fenchol	0.009 / 0.029	±0.0131	0.355	0.0355
Caryophyllene Oxide	0.011 / 0.038	±0.0116	0.196	0.0196
Camphene	0.004 / 0.014	±0.0039	0.121	0.0121
Borneol	0.004 / 0.014	±0.0051	0.109	0.0109
Valencene	0.010 / 0.033	±0.0037	0.071	0.0071
Terpinolene	0.008 / 0.027	±0.0009	0.057	0.0057
Fenchone	0.008 / 0.026	±0.0017	0.045	0.0045
β-Ocimene	0.005 / 0.018	±0.0008	0.021	0.0021
Citronellol	0.003 / 0.010	±0.0006	0.020	0.0020
Eucalyptol	0.005 / 0.018	N/A	<LOQ	<LOQ
Sabinene Hydrate	0.007 / 0.022	N/A	<LOQ	<LOQ
Nerol	0.003 / 0.011	N/A	<LOQ	<LOQ
Sabinene	0.004 / 0.014	N/A	ND	ND
α-Phellandrene	0.006 / 0.019	N/A	ND	ND
Δ <sup>3</sup> -Carene	0.005 / 0.018	N/A	ND	ND
α-Terpinene	0.006 / 0.019	N/A	ND	ND
p-Cymene	0.005 / 0.015	N/A	ND	ND
γ-Terpinene	0.005 / 0.018	N/A	ND	ND
Isopulegol	0.004 / 0.013	N/A	ND	ND
Camphor	0.005 / 0.015	N/A	ND	ND
Isoborneol	0.003 / 0.011	N/A	ND	ND
Menthol	0.008 / 0.025	N/A	ND	ND
Pulegone	0.003 / 0.010	N/A	ND	ND
Geraniol	0.002 / 0.007	N/A	ND	ND
Geranyl Acetate	0.004 / 0.012	N/A	ND	ND
α-Cedrene	0.005 / 0.017	N/A	ND	ND
Guaial	0.011 / 0.035	N/A	ND	ND
Cedrol	0.009 / 0.032	N/A	ND	ND
TOTAL TERPENOIDS			29.406 mg/g	2.9406%



### CATEGORY 1 PESTICIDE TEST RESULTS - 02/26/2022 ✔ PASS

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS). \*GC-MS utilized where indicated. **Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Chlorpyrifos	0.02 / 0.06	≥ LOD	N/A	ND	PASS

### CATEGORY 2 PESTICIDE TEST RESULTS - 02/26/2022 ✔ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Abamectin	0.03 / 0.10	0.1	N/A	ND	PASS
Azoxystrobin	0.02 / 0.07	0.1	N/A	ND	PASS
Bifenazate	0.01 / 0.04	0.1	N/A	ND	PASS
Bifenthrin	0.02 / 0.05	3	N/A	ND	PASS
Boscalid	0.03 / 0.09	0.1	N/A	ND	PASS
Cypermethrin	0.11 / 0.32	1	N/A	ND	PASS
Etoxazole	0.02 / 0.06	0.1	N/A	ND	PASS
Hexythiazox	0.02 / 0.07	0.1	N/A	ND	PASS
Imidacloprid	0.04 / 0.11	5	N/A	ND	PASS
Malathion	0.03 / 0.09	0.5	N/A	ND	PASS
Myclobutanil	0.03 / 0.09	0.1	N/A	ND	PASS
Permethrin	0.04 / 0.12	0.5	N/A	ND	PASS
Piperonyl Butoxide	0.02 / 0.07	3	N/A	ND	PASS
Propiconazole	0.02 / 0.07	0.1	N/A	ND	PASS
Spiromesifen	0.02 / 0.05	0.1	N/A	ND	PASS
Tebuconazole	0.02 / 0.07	0.1	N/A	ND	PASS
Trifloxystrobin	0.03 / 0.08	0.1	N/A	ND	PASS

### HEAVY METALS TEST RESULTS - 02/25/2022 ✔ PASS

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS). **Method:** QSP 1160 - Analysis of Heavy Metals by ICP-MS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	0.02 / 0.1	0.2	N/A	<LOQ	PASS
Cadmium	0.02 / 0.05	0.2	N/A	<LOQ	PASS
Lead	0.04 / 0.1	0.5	N/A	ND	PASS
Mercury	0.002 / 0.01	0.1	N/A	<LOQ	PASS