

# **Regulatory Compliance Testing**

# CERTIFICATE OF ANALYSIS

**DATE ISSUED 10/16/2025** 

#### SAMPLE DETAILS OVERALL BATCH RESULT: PASS

SAMPLE NAME: MGL | Obama Runtz Smalls

Flower, Inhalable

**CULTIVATOR / MANUFACTURER** 

Business Name: Mendocino

Grasslands II

License Number: CCL18-0002160 Address: 800 Hensley Creek Rd, Unincorporated, CA 95482

SAMPLE DETAIL

Batch Number: MGL1025-ORS

Sample ID: 251013N037 Source Metrc UID:

1A4060300010B9A000001009

**DISTRIBUTOR** 

Business Name: WELLMAR LLC License Number: C12-0000282-LIC

Address: 2031 WELLMAR DR

Ukiah CA 95482

**Date Collected: 10/13/2025** Date Received: 10/14/2025 Batch Size: 18143.0 grams Sample Size: 65.0 grams

**Unit Mass:** Serving Size:

Sampling Method: QSP 1265 - Sampling of Cannabis and Product Batches







Scan QR code to verify authenticity of results.

#### **CANNABINOID ANALYSIS - SUMMARY**

Sum of Cannabinoids: 25.0484%

Total Cannabinoids: 22.5727%

Total THC: 21.9298%

Total CBD: 0.0766%

Sum of Cannabinoids = Δ9-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + A8-THC + CBL + CBN Total Cannabinoids =  $(\Delta^9$ -THC+0.877\*THCa+ $\Delta^8$ -THC) + (CBD+0.877\*CBDa) + (CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) +

(CBC+0.877\*CBCa) + (CBDV+0.877\*CBDVa) + 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)) +  $\Delta^8$ -THC

Total CBD = CBD + (CBDa (0.877))

CALCULATED USING DRY-WEIGHT

Moisture: 12.0%

### **TERPENOID ANALYSIS - SUMMARY**

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 1.4743%

Myrcene 3.194 mg/g 💮 Limonene 2.686 mg/g 🔵 β-Caryophyllene 2.628 mg/g

### SAFETY ANALYSIS - SUMMARY

Pesticides: PASS Mycotoxins: PASS Heavy Metals: PASS Microbiology: PASS

Water Activity: PASS Foreign Material: PASS

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 4 Division 19. Department of Cannabis Control 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),  $\mu g/g = ppm, \mu g/kg = ppb$ 

All LOC samples were performed and met the prescribed acceptance criteria in 4 CCR section 15730, as attested by: Michael Pham

Job Title: Senior Laboratory Analyst Date: 10/16/2025

Approved by: Josh Wurzer Chief Compliance Officer Date: 10/16/2025



# **Regulatory Compliance Testing**

# **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 10/16/2025** 

#### **CANNABINOID TEST RESULTS** - 10/16/2025

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD). Calculated using Dry-Weight.  $\textbf{Method:} \ \text{QSP 43123-Analysis of Cannabinoids}$ by HPLC-DAD

# TOTAL CANNABINOIDS: 22.5727%

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + CBL + CBN

TOTAL THC: 21.9298%

Total THC (Δ9-THC+0.877\*THCa+Δ8-THC)

TOTAL CBD: 0.0766% Total CBD (CBD+0.877\*CBDa)

TOTAL CBG: 0.2408% Total CBG (CBG+0.877\*CBGa)

TOTAL THCV: 0.0781% Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: 0.2473% Total CBC (CBC+0.877\*CBCa)

TOTAL CROW NO

101	AL	СБО	v. 1	עוי
Total	CBDV	(CBDV	+0.87	7*CBDV

		TOTAL CDDV (CDDV+0.677 CDDVa)			
COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)	
THCa	0.062 / 0.250	±3.6152	195.415	19.5415	
Δ <sup>9</sup> -THC	0.047 / 0.250	±0.9009	47.919	4.7919	
CBCa	0.199/0.500	±0.0919	2.314	0.2314	
CBGa	0.040 / 0.250	±0.0502	1.786	0.1786	
THCVa	0.040 / 0.250	±0.0080	0.891	0.0891	
CBDa	0.031 / 0.250	±0.0159	0.873	0.0873	
CBG	0.037 / 0.250	±0.0109	0.842	0.0842	
СВС	0.072 / 0.250	±0.0117	0.444	0.0444	
CBN	0.033 / 0.250	N/A	<1	<0.1	
Δ <sup>8</sup> -THC	0.075 / 0.250	N/A	ND	ND	
THCV	0.052 / 0.250	N/A	ND	ND	
CBD	0.062 / 0.250	N/A	ND	ND	
CBDV	0.044 / 0.250	N/A	ND	ND	
CBDVa	0.017 / 0.250	N/A	ND	ND	
CBL	0.126 / 0.382	N/A	ND	ND	
SUM OF CAN	NABINOIDS		250.484 mg/g	25.0484%	

# MOISTURE TEST RESULT

12.0%

Tested 10/14/2025 Method: QSP 1224 -Loss on Drying (Moisture)

### TERPENOID TEST RESULTS - 10/15/2025

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 (%)
Myrcene	0.007 / 0.025	±0.1131	3.194	0.3194
Limonene	0.005 / 0.016	±0.0876	2.686	0.2686
β-Caryophyllene	0.004 / 0.013	±0.1414	2.628	0.2628
Linalool	0.009 / 0.036	±0.0787	2.002	0.2002
trans-β-Farnesene	0.008 / 0.028	±0.0529	0.928	0.0928
α-Humulene	0.009 / 0.180	±0.0426	0.792	0.0792

#### TERPENOID TEST RESULTS - 10/15/2025 continued

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Terpineol	0.008 / 0.025	±0.0334	0.546	0.0546
Nerolidol	0.006 / 0.021	±0.0403	0.509	0.0509
β-Pinene	0.004 / 0.015	±0.0154	0.476	0.0476
Fenchol	0.009 / 0.036	±0.0155	0.420	0.0420
α-Pinene	0.005 / 0.036	±0.0089	0.249	0.0249
Borneol	0.004 / 0.014	±0.0053	0.113	0.0113
Camphene	0.004 / 0.014	±0.0025	0.076	0.0076
Caryophyllene Oxide	0.011 / 0.038	±0.0035	0.059	0.0059
Terpinolene	0.008 / 0.036	±0.0005	0.036	0.0036
α-Bisabolol	0.008 / 0.026	±0.0012	0.029	0.0029
β-Ocimene	0.005 / 0.025	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Citronellol	0.003 / 0.036	N/A	<l0q< td=""><td><loq< td=""></loq<></td></l0q<>	<loq< td=""></loq<>
Fenchone	0.008 / 0.036	N/A	<l0q< td=""><td><loq< td=""></loq<></td></l0q<>	<loq< td=""></loq<>
Geraniol	0.002 / 0.036	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Nerol	0.003 / 0.036	N/A	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Sabinene Hydrate	0.007 / 0.036	N/A	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Valencene	0.010 / 0.180	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
$\alpha$ -Cedrene	0.005 / 0.017	N/A	ND	ND
$\alpha\text{-Phellandrene}$	0.006 / 0.036	N/A	ND	ND
α-Terpinene	0.006/0.019	N/A	ND	ND
Camphor	0.005 / 0.036	N/A	ND	ND
Cedrol	0.009/0.032	N/A	ND	ND
$\Delta^3$ -Carene	0.005 / 0.018	N/A	ND	ND
Eucalyptol	0.005 / 0.018	N/A	ND	ND
γ-Terpinene	0.005 / 0.018	N/A	ND	ND
Geranyl Acetate	0.004 / 0.036	N/A	ND	ND
Guaiol	0.011/0.035	N/A	ND	ND
Isoborneol	0.003 / 0.011	N/A	ND	ND
Isopulegol	0.004 / 0.036	N/A	ND	ND
Menthol	0.008 / 0.025	N/A	ND	ND
p-Cymene	0.005 / 0.015	N/A	ND	ND
Pulegone	0.003 / 0.010	N/A	ND	ND
Sabinene	0.004 / 0.014	N/A	ND	ND
TOTAL TERPEN	OIDS		14.743 mg/g	1.4743%



# Regulatory Compliance Testing

# **CERTIFICATE OF ANALYSIS**



**DATE ISSUED 10/16/2025** 

# CATEGORY 1 PESTICIDE TEST RESULTS - 10/15/2025 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
Aldicarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Carbofuran	0.02/0.05	≥ LOD	N/A	ND	PASS
Chlordane*	0.03/0.08	≥ LOD	N/A	ND	PASS
Chlorfenapyr*	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Chlorpyrifos	0.02/0.06	≥ LOD	N/A	ND	PASS
Coumaphos	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Daminozide	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Dichlorvos (DDVP)	0.03/0.09	≥ LOD	N/A	ND	PASS
Dimethoate	0.03/0.08	≥LOD	N/A	ND	PASS
Ethoprophos	0.03/0.10	≥ LOD	N/A	ND	PASS
Etofenprox	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Fenoxycarb	0.03/0.08	≥ LOD	N/A	ND	PASS
Fipronil	0.03/0.08	≥ LOD	N/A	ND	PASS
Imazalil	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Methiocarb	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Mevinphos	0.03/0.09	≥ LOD	N/A	ND	PASS
Paclobutrazol	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Parathion-methyl	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Propoxur	0.03/0.09	≥ LOD	N/A	ND	PASS
Spiroxamine	0.03/0.08	≥ LOD	N/A	ND	PASS
Thiacloprid	0.03 / 0.10	≥LOD	N/A	ND	PASS

# CATEGORY 2 PESTICIDE TEST RESULTS - 10/15/2025 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
Acephate	0.02 / 0.07	0.1	N/A	ND	PASS
Acequinocyl	0.02 / 0.07	0.1	N/A	ND	PASS
Acetamiprid	0.02 / 0.05	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
Captan	0.19 / 0.57	0.7	N/A	ND	PASS
Carbaryl	0.02 / 0.06	0.5	N/A	ND	PASS
Chlorantranilip- role	0.04 / 0.12	10	N/A	ND	PASS
Clofentezine	0.03 / 0.09	0.1	N/A	ND	PASS

## CATEGORY 2 PESTICIDE TEST RESULTS - 10/15/2025 continued

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
Cyfluthrin	0.12 / 0.38	2	N/A	ND	PASS
Cypermethrin	0.11/0.32	1	N/A	ND	PASS
Diazinon	0.02 / 0.05	0.1	N/A	ND	PASS
Dimethomorph	0.03 / 0.09	2	N/A	ND	PASS
Etoxazole	0.02 / 0.06	0.1	N/A	ND	PASS
Fenhexamid	0.03 / 0.09	0.1	N/A	ND	PASS
Fenpyroximate	0.02 / 0.06	0.1	N/A	ND	PASS
Flonicamid	0.03 / 0.10	0.1	N/A	ND	PASS
Fludioxonil	0.03 / 0.10	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
Kresoxim-methyl	0.02 / 0.07	0.1	N/A	ND	PASS
Malathion	0.03 / 0.09	0.5	N/A	ND	PASS
Metalaxyl	0.02 / 0.07	2	N/A	ND	PASS
Methomyl	0.03 / 0.10	1	N/A	ND	PASS
Myclobutanil	0.03 / 0.09	0.1	N/A	ND	PASS
Naled	0.02 / 0.07	0.1	N/A	ND	PASS
Oxamyl	0.04 / 0.11	0.5	N/A	ND	PASS
Pentachloronitro- benzene (Quintozene)*	0.03/0.09	0.1	N/A	ND	PASS
Permethrin	0.04/0.12	0.5	N/A	ND	PASS
Phosmet	0.03/0.10	0.1	N/A	ND	PASS
Piperonyl Butoxide	0.02 / 0.07	3	N/A	ND	PASS
Prallethrin	0.03 / 0.08	0.1	N/A	ND	PASS
Propiconazole	0.02 / 0.07	0.1	N/A	ND	PASS
Pyrethrins	0.04 / 0.12	0.5	N/A	ND	PASS
Pyridaben	0.02 / 0.07	0.1	N/A	ND	PASS
Spinetoram	0.02 / 0.07	0.1	N/A	ND	PASS
Spinosad	0.02 / 0.07	0.1	N/A	ND	PASS
Spiromesifen	0.02 / 0.05	0.1	N/A	ND	PASS
Spirotetramat	0.02 / 0.06	0.1	N/A	ND	PASS
Tebuconazole	0.02 / 0.07	0.1	N/A	ND	PASS
Thiamethoxam	0.03/0.10	5	N/A	ND	PASS
Trifloxystrobin	0.03 / 0.08	0.1	N/A	ND	PASS







MYCOTOXIN TEST RESULTS - 10/15/2025 PASS



Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS). Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (µg/kg)	MEASUREMENT UNCERTAINTY (µg/kg)	RESULT (µg/kg)	RESULT
Aflatoxin B1	2.0 / 6.0		N/A	ND	
Aflatoxin B2	1.8 / 5.6		N/A	ND	
Aflatoxin G1	1.0 / 3.1		N/A	ND	
Aflatoxin G2	1.2 / 3.5		N/A	ND	
Ochratoxin A	6.3 / 19.2	20	N/A	ND	PASS
Total Aflatoxin		20		ND	PASS

# **HEAVY METALS TEST RESULTS** - 10/15/2025 **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< th=""><th>PASS</th></loq<>	PASS
Cadmium	0.02 / 0.05	0.2	N/A	ND	PASS
Lead	0.04 / 0.1	0.5	N/A	ND	PASS
Mercury	0.002 / 0.01	0.1	N/A	<loq< th=""><th>PASS</th></loq<>	PASS

# MICROBIOLOGY TEST RESULTS - 10/16/2025 PASS

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants. Method: QSP 61517 - Analysis of Microbiological Contaminants

COMPOUND	ACTION LIMIT	RESULT	RESULT
Aspergillus flavus	Not Detected in 1g	ND	PASS
Aspergillus fumigatus	Not Detected in 1g	ND	PASS
Aspergillus niger	Not Detected in 1g	ND	PASS
Aspergillus terreus	Not Detected in 1g	ND	PASS
Salmonella spp.	Not Detected in 1g	ND	PASS
Shiga toxin-producing Escherichia coli	Not Detected in 1g	ND	PASS

# FOREIGN MATERIAL TEST RESULTS - 10/14/2025 PASS



Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta. Method: QSP 1226 - Analysis of Foreign Material in Cannabis and Cannabis Products

COMPOUND	ACTION LIMIT	RESULT	RESULT
Hair Count	> 1 per 3 grams	0.0	PASS
Insect Fragment Count	> 1 per 3 grams	0.0	PASS
Mammalian Excreta Count	> 1 per 3 grams	0.0	PASS
Total Sample Area Covered by an Imbedded Foreign Material	>25%	None	PASS
Total Sample Area Covered by Mold	>25%	None	PASS
Total Sample Area Covered by Sand, Soil, Cinders, or Dirt	>25%	None	PASS

### WATER ACTIVITY TEST RESULTS - 10/14/2025 PASS



Method: QSP 1227 - Analysis of Water Activity in Cannabis and Cannabis Products

COMPOUND	LOD/LOQ (Aw)	ACTION LIMIT (Aw)	MEASUREMENT UNCERTAINTY (Aw)	RESULT (Aw)	RESULT
Water Activity	0.030 / 0.15	0.65	±0.004	0.51	PASS