

#### **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 09/24/2025** 

#### SAMPLE DETAILS

SAMPLE NAME: Mile High Mike's Lemon Rush

Beverage, Liquid Edible

**CULTIVATOR / MANUFACTURER** 

Business Name: License Number:

Address:

SAMPLE DETAIL

Batch Number: 9225 Sample ID: 250923L010 **DISTRIBUTOR / TESTED FOR** 

Business Name: The Brewing

Projekt

License Number:

Address:

**Date Collected:** 09/23/2025 **Date Received:** 09/23/2025

Batch Size:

Sample Size: 1.0 unit

**Unit Mass:** 355 milliliters per Unit **Serving Size:** 355 milliliters per Serving

2 Table 1 Tabl





Scan QR code to verify authenticity of results.

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

Total THC: 9.9580 mg/unit

Total CBD: 0.4970 mg/unit

Sum of Cannabinoids: 10.4550 mg/unit

Total Cannabinoids: 10.4550 mg/unit

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))

$$\label{eq:SumofCannabinoids} \begin{split} &Sum\ of\ Cannabinoids = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \\ &THCV + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \\ &Total\ Cannabinoids = (\Delta^9\text{-THC} + 0.877*\text{THCa}) + (\text{CBD} + 0.877*\text{CBDa}) + \\ &(\text{CBG} + 0.877*\text{CBGa}) + (\text{THCV} + 0.877*\text{THCVa}) + (\text{CBC} + 0.877*\text{CBCa}) + \\ \end{split}$$

(CBDV+0.877\*CBDVa) +  $\Delta$ <sup>8</sup>-THC + CBL + CBN

Density: 1.0265 g/mL

SAFETY ANALYSIS - SUMMARY

 $\Delta^9$ -THC per Unit:  $\bigcirc$  PASS

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. 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.

 $\textbf{References:} \ \text{limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT),} \ \mu g/g = ppm, \mu g/kg = ppb$ 

LQC verified by: Michael Pham Job Title: Senior Laboratory Analyst Date: 09/24/2025 Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 09/24/2025



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### Superior Molecular

4459 White Bear Pkwy White Bear Lake, MN 55110

(612) 251-9801

#### Sample: 2505AIT0472.0859

Strain: D9 Water Emulsion Full Panel (5/12/2025) Batch#: WS.D9.051225; Batch Size: g Sample Received: 05/28/2025; Report Created: 06/06/2025

#### D9 Water Emulsion Full Panel (5/12/2025)

Concentrates & Extracts, Emulsion





10.441% **Total THC** 

<LOQ Total CBD

10.995% **Total Cannabinoids** 

Cannabinoids Date Tested: 05/28/2025

Analytes	%	mg/g	LOQ
CBC	0.197	1.975	0.001
CBD	<loq< td=""><td><loq< td=""><td>0.001</td></loq<></td></loq<>	<loq< td=""><td>0.001</td></loq<>	0.001
CBDa	<loq< td=""><td><loq< td=""><td>0.001</td></loq<></td></loq<>	<loq< td=""><td>0.001</td></loq<>	0.001
CBDV	<loq< td=""><td><loq< td=""><td>0.001</td></loq<></td></loq<>	<loq< td=""><td>0.001</td></loq<>	0.001
CBG	0.356	3.562	0.001
CBGa	<loq< td=""><td><loq< td=""><td>0.001</td></loq<></td></loq<>	<loq< td=""><td>0.001</td></loq<>	0.001
CBL	<loq< td=""><td><loq< td=""><td>0.001</td></loq<></td></loq<>	<loq< td=""><td>0.001</td></loq<>	0.001
CBN	<loq< td=""><td><loq< td=""><td>0.001</td></loq<></td></loq<>	<loq< td=""><td>0.001</td></loq<>	0.001
Δ8-ΤΗС	<loq< td=""><td><loq< td=""><td>0.001</td></loq<></td></loq<>	<loq< td=""><td>0.001</td></loq<>	0.001
Δ9-ΤΗС	10.441	104.413	0.001
THCa	<loq< td=""><td><loq< td=""><td>0.001</td></loq<></td></loq<>	<loq< td=""><td>0.001</td></loq<>	0.001
THCVa	<loq< td=""><td><loq< td=""><td>0.001</td></loq<></td></loq<>	<loq< td=""><td>0.001</td></loq<>	0.001

Method: HPLC
Total THC = THCa \* 0.877 + Δ9-THC
Total CBD = CBDa \* 0.877 + CBD
Summary

Total Cannabinoids represents the sum of all cannabinoids in the table above. Results are reported on a dry weight basis: Cannabinoid % / (1.0 - moisture content % / 100) = Dry weight cannabinoids % LOQ = Limit of Quantitation

**Pass** 

**Pesticides** 

**Pass** 

Mycotoxins

**Pass** 

Heavy Metals

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John Schmidt

Analytical Chemist

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Sample Received: 05/28/2025; Report Created: 06/06/2025

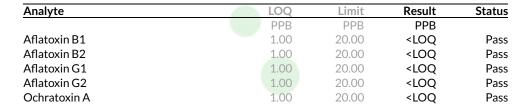
#### D9 Water Emulsion Full Panel (5/12/2025)

Concentrates & Extracts, Emulsion



Mycotoxins

Date Tested: 05/28/2025

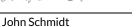




Method: LCMS

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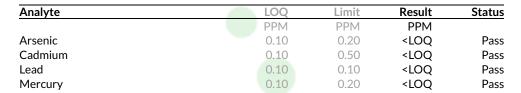
#### D9 Water Emulsion Full Panel (5/12/2025)

Concentrates & Extracts, Emulsion



**Heavy Metals** 

Date Tested: 05/28/2025





Method: ICPMS

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#### D9 Water Emulsion Full Panel (5/12/2025)

Concentrates & Extracts, Emulsion



Pesticides Pass

Date Tested: 05/28/2025

Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM	_
Abamectin	0.01	0.50	<loq< th=""><th>Pass</th></loq<>	Pass
Acephate	0.01	0.40	<loq< th=""><th>Pass</th></loq<>	Pass
Acequinocyl	0.01	2.00	<loq< th=""><th>Pass</th></loq<>	Pass
Acetamiprid	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Aldicarb	0.01	0.40	<loq< th=""><th>Pass</th></loq<>	Pass
Azoxystrobin	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Bifenazate	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Bifenthrin	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Boscalid	0.01	0.40	<loq< th=""><th>Pass</th></loq<>	Pass
Carbaryl	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Carbofuran	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Chlorantraniliprole	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Chlorfenapyr	0.01	1.00	<loq< th=""><th>Pass</th></loq<>	Pass
Chlorpyrifos	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Clofentezine	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Cyfluthrin	0.01	1.00	<loq< th=""><th>Pass</th></loq<>	Pass
Cypermethrin	0.01	1.00	<loq< th=""><th>Pass</th></loq<>	Pass
Daminozide	0.01	1.00	<loq< th=""><th>Pass</th></loq<>	Pass
DDVP	0.01	1.00	<loq< th=""><th>Pass</th></loq<>	Pass
Diazinon	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Dimethoate	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Ethoprophos	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Etofenprox	0.01	0.40	<loq< th=""><th>Pass</th></loq<>	Pass
Etoxazole	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Fenoxycarb	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass

Methods: LCMS and GCMS

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FALL 2021

PESTICIDE SCREENING
IN HEMP

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### D9 Water Emulsion Full Panel (5/12/2025)

Concentrates & Extracts, Emulsion



Pesticides Pass

Date Tested: 05/28/2025

Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM	
Fenpyroximate	0.01	0.40	<loq< th=""><th>Pass</th></loq<>	Pass
Fipronil	0.01	0.40	<loq< th=""><th>Pass</th></loq<>	Pass
Flonicamid	0.01	1.00	<loq< th=""><th>Pass</th></loq<>	Pass
Fludioxonil	0.01	0.40	<loq< th=""><th>Pass</th></loq<>	Pass
Hexythiazox	0.01	1.00	<loq< th=""><th>Pass</th></loq<>	Pass
lmazalil	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Imidacloprid	0.01	0.40	<loq< th=""><th>Pass</th></loq<>	Pass
Kresoxim Methyl	0.01	0.40	<loq< th=""><th>Pass</th></loq<>	Pass
Malathion	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Metalaxyl	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Methiocarb	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Methomyl	0.01	0.40	<loq< th=""><th>Pass</th></loq<>	Pass
Methyl Parathion	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
MGK-264	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Myclobutanil	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Naled	0.01	0.50	<loq< th=""><th>Pass</th></loq<>	Pass
Oxamyl	0.01	1.00	<loq< th=""><th>Pass</th></loq<>	Pass
Paclobutrazol	0.01	0.40	<loq< th=""><th>Pass</th></loq<>	Pass
Permethrins	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Phosmet	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Piperonyl Butoxide	0.01	2.00	<loq< th=""><th>Pass</th></loq<>	Pass
Prallethrin	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Propiconazole	0.01	0.40	<loq< th=""><th>Pass</th></loq<>	Pass
Propoxur	0.01	0.20	<loq< th=""><th>Pass</th></loq<>	Pass
Pyrethrins	0.01	1.00	<loq< th=""><th>Pass</th></loq<>	Pass

Methods: LCMS and GCMS

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#### D9 Water Emulsion Full Panel (5/12/2025)

Concentrates & Extracts, Emulsion



Pesticides Pass

Date Tested: 05/28/2025

Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM	
Pyridaben	0.01	0.20	<loq< td=""><td>Pass</td></loq<>	Pass
Spinosad	0.01	0.20	<loq< td=""><td>Pass</td></loq<>	Pass
Spiromesifen	0.01	0.20	<loq< td=""><td>Pass</td></loq<>	Pass
Spirotetramat	0.01	0.20	<loq< td=""><td>Pass</td></loq<>	Pass
Spiroxamine	0.01	0.40	<loq< td=""><td>Pass</td></loq<>	Pass
Tebuconazole	0.01	0.40	<loq< td=""><td>Pass</td></loq<>	Pass
Thiacloprid	0.01	0.20	<loq< td=""><td>Pass</td></loq<>	Pass
Thiamethoxam	0.01	0.20	<loq< td=""><td>Pass</td></loq<>	Pass
Trifloxystrobin	0.01	0.20	<loq< td=""><td>Pass</td></loq<>	Pass

Methods: LCMS and GCMS

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