

**SAMPLE DETAILS**
**SAMPLE NAME: Perma Grin Blueberry Dream**

Beverage, Liquid Edible

**CULTIVATOR / MANUFACTURER**
**Business Name:**
**License Number:**
**Address:**
**DISTRIBUTOR / TESTED FOR**
**Business Name:** The Brewing Projekt

**License Number:**
**Address:**
**SAMPLE DETAIL**
**Batch Number:** Batch 3

**Sample ID:** 250219L016

**Date Collected:** 02/19/2025

**Date Received:** 02/19/2025

**Batch Size:**
**Sample Size:** 1.0 units

**Unit Mass:** 355 milliliters per Unit

**Serving Size:** 355 milliliters per Serving


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC:** 10.1885 mg/unit

**Total CBD:** 5.2185 mg/unit

**Sum of Cannabinoids:** 15.7620 mg/unit

**Total Cannabinoids:** 15.7620 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))

 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

**Density:** 1.057 g/mL

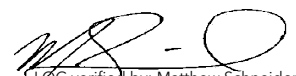
**SAFETY ANALYSIS - SUMMARY**
 $\Delta^9$ -THC per Unit:  **PASS**


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.

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

  
 LQC verified by: Matthew Schneider  
 Job Title: Laboratory Analyst I  
 Date: 02/22/2025

  
 Approved by: Josh Wurzer  
 Job Title: Chief Compliance Officer  
 Date: 02/22/2025




## Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

**Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

**TOTAL THC: 10.1885 mg/unit**

Total THC ( $\Delta^9$ -THC+0.877\*THCa)

**TOTAL CBD: 5.2185 mg/unit**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 15.7620 mg/unit**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta^8$ -THC + CBL + CBN

**TOTAL CBG: 0.3550 mg/unit**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: <LOQ**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: ND**

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 02/22/2025

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
$\Delta^9$ -THC	0.0001 / 0.0005	±0.00158	0.0287	0.00272
CBD	0.0001 / 0.0004	±0.00055	0.0147	0.00139
CBG	0.0001 / 0.0002	±0.00005	0.0010	0.00009
CBC	0.0001 / 0.0004	N/A	<LOQ	<LOQ
$\Delta^8$ -THC	0.0003 / 0.0008	N/A	ND	ND
THCa	0.0001 / 0.0002	N/A	ND	ND
THCV	0.0001 / 0.0005	N/A	ND	ND
THCVa	0.0001 / 0.0007	N/A	ND	ND
CBDA	0.0001 / 0.0010	N/A	ND	ND
CBDV	0.0001 / 0.0005	N/A	ND	ND
CBDVa	0.0001 / 0.0007	N/A	ND	ND
CBGa	0.0001 / 0.0003	N/A	ND	ND
CBL	0.0001 / 0.0004	N/A	ND	ND
CBN	0.0001 / 0.0003	N/A	ND	ND
CBCa	0.0001 / 0.0006	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>0.0444 mg/mL</b>	<b>0.0042%</b>

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

$\Delta^9$ -THC per Unit	110 per-package limit	10.1885 mg/unit	PASS
$\Delta^9$ -THC per Serving		10.1885 mg/serving	
Total THC per Unit		10.1885 mg/unit	
Total THC per Serving		10.1885 mg/serving	
CBD per Unit		5.2185 mg/unit	
CBD per Serving		5.2185 mg/serving	
Total CBD per Unit		5.2185 mg/unit	
Total CBD per Serving		5.2185 mg/serving	
Sum of Cannabinoids per Unit		15.7620 mg/unit	
Sum of Cannabinoids per Serving		15.7620 mg/serving	
Total Cannabinoids per Unit		15.7620 mg/unit	
Total Cannabinoids per Serving		15.7620 mg/serving	

### DENSITY TEST RESULT

1.057 g/mL
Tested 02/22/2025
<b>Method:</b> QSP 7870 - Sample Preparation

### NOTES

Sample unit mass provided by client.