

# Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

**DATE ISSUED 12/02/2025** 

### **SAMPLE DETAILS**

SAMPLE NAME: PAIN ROLL ON

Other

**CULTIVATOR / MANUFACTURER** 

Business Name: License Number:

Address:

SAMPLE DETAIL

**Batch Number:** 

**Sample ID:** 251201N007

**DISTRIBUTOR / TESTED FOR** 

Business Name: keolalife.com

License Number:

Address:

**Date Collected:** 12/01/2025 **Date Received:** 12/01/2025

Batch Size:

Sample Size: 1.0 unit

Unit Mass: 90 grams per Unit

Serving Size:







Scan QR code to verify authenticity of results.

### **CANNABINOID ANALYSIS - SUMMARY**

**Total THC: Not Detected** 

Total CBD: 1736.370 mg/unit

Sum of Cannabinoids: 2011.230 mg/unit

Total Cannabinoids: 2011.230 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 =  $\Delta^{o}$ -THC + (THCa (0.877)) Total CBD = CBD + (CBDa (0.877)) Sum of Cannabinoids =  $\Delta^{o}$ -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^{0}$ -THC + CBL + CBN Total Cannabinoids =  $(\Delta^{o}$ -THC+0.877\*THCa) + (CBD+0.877\*CBDa) + (CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) + (CBDV+0.877\*CBDVa) +  $\Delta^{0}$ -THC + CBL + CBN

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),  $ug/g = ppm_1 ug/kg = pph_2$ 

LQC verified by: Maria Garcia Job Title: Senior Laboratory Analyst Date: 12/02/2025 Approved by: Josh Wurzer Chief Compliance Officer Date: 12/02/2025



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## 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: Not Detected** Total THC (Δ<sup>9</sup>-THC+0.877\*THCa)

TOTAL CBD: 1736.370 mg/unit

Total CBD (CBD+0.877\*CBDa)

TOTAL CANNABINOIDS: 2011.230 mg/unit

 $\begin{array}{l} Total\ Cannabinoids\ (Total\ THC)+(Total\ CBD)+(Total\ CBG)+(Total\ THCV)+(Total\ CBC)+(Total\ CBDV)+\Delta^8-THC+CBL+CBN \end{array}$ 

TOTAL CBG: 268.200 mg/unit

Total CBG (CBG+0.877\*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: ND** 

Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: 6.660 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

### **CANNABINOID TEST RESULTS - 12/01/2025**

	COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Ī	CBD	0.004 / 0.011	±0.7196	19.293	1.9293
	CBG	0.002 / 0.006	±0.1445	2.980	0.2980
	CBDV	0.002 / 0.012	±0.0030	0.074	0.0074
	Δ <sup>9</sup> -THC	0.002 / 0.014	N/A	ND	ND
	Δ <sup>8</sup> -THC	0.01 / 0.02	N/A	ND	ND
	THCa	0.001 / 0.005	N/A	ND	ND
	THCV	0.002 / 0.012	N/A	ND	ND
	THCVa	0.002/0.019	N/A	ND	ND
	CBDa	0.001 / 0.026	N/A	ND	ND
t	CBDVa	0.001 / 0.018	N/A	ND	ND
	CBGa	0.002 / 0.007	N/A	ND	ND
	CBL	0.003 / 0.010	N/A	ND	ND
Ī	CBN	0.001 / 0.007	N/A	ND	ND
	СВС	0.003 / 0.010	N/A	ND	ND
	CBCa	0.001 / 0.015	N/A	ND	ND
	SUM OF CANNA	BINOIDS		22.347 mg/g	2.2347%

## Unit Mass: 90 grams per Unit

$\Delta^9$ -THC per Unit	ND
Total THC per Unit	ND
CBD per Unit	1736.370 mg/unit
Total CBD per Unit	1736.370 mg/unit
Sum of Cannabinoids per Unit	2011.230 mg/unit
Total Cannabinoids per Unit	2011.230 mg/unit

#### NOTES

Sample unit mass provided by client.