

## **Hemp Quality Assurance Testing**

### **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 11/08/2024** 

**SAMPLE NAME: Lambs Bread** 

Flower, Inhalable

**CULTIVATOR / MANUFACTURER** 

Business Name: License Number:

Address:

SAMPLE DETAIL

Batch Number: A8
Sample ID: 241101L030

**DISTRIBUTOR / TESTED FOR** 

Business Name: Arete License Number:

Address:

Date Collected: 11/01/2024

Date Received: 11/01/2024

Batch Size: Sample Size: Unit Mass: Serving Size:



Scan QR code to verify authenticity of results.

### **CANNABINOID ANALYSIS - SUMMARY**

Total THC: 25.42%

Total CBD: <LOQ

Sum of Cannabinoids: 30.13%

Total Cannabinoids: 26.45%

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))

$$\label{eq:Sum of Cannabinoids} \begin{split} &=\Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \\ &\text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \\ &\text{Total Cannabinoids} = (\Delta^9\text{-THC} + 0.877*\text{THCa}) + (\text{CBD} + 0.877*\text{CBDa}) + (\text{CBG} + 0.877*\text{CBGa}) + (\text{THCV} + 0.877*\text{THCVa}) + (\text{CBC} + 0.877*\text{CBCa}) + (\text{CBC} + 0.8$$

(CBDV+0.877\*CBDVa) +  $\Delta^8$ -THC + CBL + CBN

CALCULATED USING DRY-WEIGHT

Moisture: 79.7%

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.

 $\textbf{References:} \ \text{limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT) \\$ 

Approved by: Josh Wurzer
Jots Title: Chief Compliance Officer
Date: 11/08/2024

Amendment to Certificate of Analysis 241101L030-002



DATE ISSUED 11/08/2024





# Cannabinoid Analysis

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 THC: 25.42%** Total THC (Δ<sup>9</sup>-THC+0.877\*THCa)

TOTAL CBD: <LOQ
Total CBD (CBD+0.877\*CBDa)

**TOTAL CANNABINOIDS: 26.45%** 

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

TOTAL CBG: 0.43%
Total CBG (CBG+0.877\*CBGa)

TOTAL THCV: 0.082%

Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: 0.52%
Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: ND

Total CBDV (CBDV+0.877\*CBDVa)

### **CANNABINOID TEST RESULTS - 11/04/2024**

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
THCa	0.04 / 0.24	±9.214	287.04	28.704
CBCa	0.1/0.4	±0.40	5.9	0.59
CBGa	0.1/0.4	±0.26	4.9	0.49
Δ <sup>9</sup> -THC	0.1 / 0.4	±0.08	2.5	0.25
THCVa	0.05 / 0.17	±0.022	0.94	0.094
CBDa	0.06 / 0.22	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
∆ <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
CBG	0.2 / 0.5	N/A	ND	ND
CBL	0.1/0.4	N/A	ND	ND
CBN	0.07 / 0.20	N/A	ND	ND
CBC	0.1 / 0.2	N/A	ND	ND
SUM OF CANNABINOIDS			301.3 mg/g	30.13%

#### MOISTURE TEST RESULT

79.7%

Tested 11/06/2024

Method: QSP 1224 - Loss on Drying (Moisture)

### NOTES

Reason for Amendment: Order Detail Information Change