

**SAMPLE NAME: Hand and Body Lotion**

Infused, Hemp

**CULTIVATOR / MANUFACTURER**
**Business Name:**
**License Number:**
**Address:**
**DISTRIBUTOR / TESTED FOR**
**Business Name:** Lonestar Farms LLC

**License Number:** 0829775

**Address:** 15004 Cavalier Canyon Dr Unit C  
Austin TX 78734

**SAMPLE DETAIL**
**Batch Number:** 612

**Sample ID:** 240715N025

**Date Collected:** 07/15/2024

**Date Received:** 07/15/2024

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

**Unit Mass:** 60 grams per Unit

**Serving Size:**


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC: 2.760 mg/unit**
**Total CBD: 121.800 mg/unit**
**Sum of Cannabinoids: 133.200 mg/unit**
**Total Cannabinoids: 133.200 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:

$$\text{Total THC} = \Delta^9\text{-THC} + (\text{THCa} \cdot 0.877)$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} \cdot 0.877)$$

$$\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} +$$

$$\text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

$$\text{Total Cannabinoids} = (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) +$$

$$(\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) +$$

$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

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.



 LQC verified by: Michael Pham  
 Job Title: Senior Laboratory Analyst  
 Date: 07/18/2024



 Approved by: Josh Wurzer  
 Job Title: Chief Compliance Officer  
 Date: 07/18/2024

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)




## Cannabinoïd Analysis

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

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

**TOTAL THC: 2.760 mg/unit**

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

**TOTAL CBD: 121.800 mg/unit**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 133.200 mg/unit**

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

**TOTAL CBG: 3.240 mg/unit**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 4.980 mg/unit**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: <LOQ**

Total CBDV (CBDV+0.877\* CBDVa)

**CANNABINOID TEST RESULTS - 07/18/2024**

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.0757	2.030	0.2030
CBC	0.003 / 0.010	±0.0027	0.083	0.0083
CBG	0.002 / 0.006	±0.0026	0.054	0.0054
$\Delta^9$ -THC	0.002 / 0.014	±0.0025	0.046	0.0046
CBN	0.001 / 0.007	±0.0002	0.007	0.0007
CBDV	0.002 / 0.012	N/A	<LOQ	<LOQ
$\Delta^8$ -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
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
CBCa	0.001 / 0.015	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>2.220 mg/g</b>	<b>0.222%</b>

**Unit Mass: 60 grams per Unit**

$\Delta^9$ -THC per Unit	2.760 mg/unit
Total THC per Unit	2.760 mg/unit
CBD per Unit	121.800 mg/unit
Total CBD per Unit	121.800 mg/unit
Sum of Cannabinoids per Unit	133.200 mg/unit
Total Cannabinoids per Unit	133.200 mg/unit