



# Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED 06/18/2020

**SAMPLE NAME: 11E420**

Other

**CULTIVATOR / MANUFACTURER**

**Business Name:**  
**License Number:**  
**Address:**

**DISTRIBUTOR**

**Business Name:** **CONFIDENTIAL**  
**License Number:** n/a  
**Address:**

**SAMPLE DETAIL**

**Batch Number:**  
**Sample ID:** 200616U032

**Date Collected:** 06/16/2020  
**Date Received:** 06/16/2020  
**Batch Size:**  
**Sample Size:**  
**Unit Mass:**  
**Serving Size:**



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC:** 0.302 mg/g

**Total CBD:** 10.408 mg/g

**Total Cannabinoids:** 11.306 mg/g

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 =  $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$   
Total CBD =  $\text{CBD} + (\text{CBDa} \cdot 0.877)$   
Total Cannabinoids =  $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

Moisture: NT

Density: NT

Viscosity: NT

**SAFETY ANALYSIS - SUMMARY**

Pesticides: NT

Mycotoxins: NT

Residual Solvents: NT

Heavy Metals: NT

Microbial Impurities (PCR): NT

Microbial Impurities (Plating): NT

Foreign Material: NT

Water Activity: NT

Vitamin E Acetate: NT

For quality assurance purposes. Not a Pre-Harvest 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 16 Effect: Date January 16, 2019. Authority: Section 26013, 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)

*Handwritten signatures of Reza Naemeh and Josh Wurzer*  
LQC verified by: Reza Naemeh Date: 06/18/2020  
Approved by: Josh Wurzer, President Date: 06/18/2020



### 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: 0.302 mg/g**

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

**TOTAL CBD: 10.408 mg/g**

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

**TOTAL CANNABINOIDS: 11.306 mg/g**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta 8\text{THC}$  + CBL + CBN

**TOTAL CBG: 0.136 mg/g**

Total CBG ( $\text{CBG} + 0.877 \cdot \text{CBGa}$ )

**TOTAL THCV: ND**

Total THCV ( $\text{THCV} + 0.877 \cdot \text{THCVa}$ )

**TOTAL CBC: 0.375 mg/g**

Total CBC ( $\text{CBC} + 0.877 \cdot \text{CBCa}$ )

**TOTAL CBDV: 0.074 mg/g**

Total CBDV ( $\text{CBDV} + 0.877 \cdot \text{CBDVa}$ )

### CANNABINOID TEST RESULTS - 06/18/2020

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	$\pm 0.4967$	10.369	1.0369
CBC	0.003 / 0.010	$\pm 0.0155$	0.375	0.0375
$\Delta 9\text{THC}$	0.002 / 0.005	$\pm 0.0213$	0.302	0.0302
CBG	0.002 / 0.005	$\pm 0.0085$	0.136	0.0136
CBDV	0.002 / 0.007	$\pm 0.0039$	0.074	0.0074
CBDa	0.001 / 0.003	$\pm 0.0016$	0.045	0.0045
CBN	0.001 / 0.004	$\pm 0.0004$	0.011	0.0011
$\Delta 8\text{THC}$	0.01 / 0.02	N/A	ND	ND
THCa	0.001 / 0.002	N/A	ND	ND
THCV	0.002 / 0.008	N/A	ND	ND
THCVa	0.002 / 0.005	N/A	ND	ND
CBDVa	0.001 / 0.003	N/A	ND	ND
CBGa	0.002 / 0.006	N/A	ND	ND
CBL	0.003 / 0.008	N/A	ND	ND
CBCa	0.001 / 0.004	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>11.312 mg/g</b>	<b>1.1312%</b>

### Unit Mass: / Serving Size:

$\Delta 9\text{THC}$ per Unit
$\Delta 9\text{THC}$ per Serving
Total THC per Unit
Total THC per Serving
CBD per Unit
CBD per Serving
Total CBD per Unit
Total CBD per Serving
Sum of Cannabinoids per Unit
Sum of Cannabinoids per Serving
Total Cannabinoids per Unit
Total Cannabinoids per Serving

### MOISTURE TEST RESULT

Not Tested

### DENSITY TEST RESULT

Not Tested

### VISCOSITY TEST RESULT

Not Tested

