

SAMPLE NAME: Vulcan Organics

Infused, Product Inhalable

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR

Business Name: Dynamic Biosciences

License Number:

Address:



SAMPLE DETAIL

Batch Number:

Sample ID: 200619P001

Date Collected: 06/19/2020

Date Received: 06/19/2020

Batch Size:

Sample Size:

Unit Mass: 3 Milliliters per Unit

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 6.522 mg/unit

Total CBD: 211.485 mg/unit

Total Cannabinoids: 230.064 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 = $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$

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: 0.927 g/mL

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)


 LIC verified by: Kevin Flores
 Date: 06/21/2020


 Approved by: Josh Wurzer, President
 Date: 06/21/2020



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: 6.522 mg/unit

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

TOTAL CBD: 211.485 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 230.064 mg/unit

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

TOTAL CBG: 2.517 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 7.413 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 1.257 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 06/21/2020

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±2.3784	49.653	5.3563
CBDa	0.001 / 0.003	±0.8674	23.765	2.5636
$\Delta 9$ THC	0.002 / 0.005	±0.1454	2.063	0.2225
CBC	0.003 / 0.010	±0.0785	1.897	0.2046
CBCa	0.001 / 0.004	±0.0320	0.654	0.0706
CBG	0.002 / 0.005	±0.0387	0.622	0.0671
CBDV	0.002 / 0.007	±0.0148	0.282	0.0304
CBGa	0.002 / 0.006	±0.0073	0.248	0.0268
CBN	0.001 / 0.004	±0.0085	0.230	0.0248
CBDVa	0.001 / 0.003	±0.0019	0.156	0.0168
THCa	0.001 / 0.002	±0.0029	0.127	0.0137
CBL	0.003 / 0.008	±0.0028	0.060	0.0065
$\Delta 8$ THC	0.01 / 0.02	N/A	ND	ND
THCV	0.002 / 0.008	N/A	ND	ND
THCVa	0.002 / 0.005	N/A	ND	ND
SUM OF CANNABINOIDS			79.757 mg/mL	8.6038%

Unit Mass: 3 Milliliters per Unit / Serving Size:

$\Delta 9$ THC per Unit	
$\Delta 9$ THC per Serving	
Total THC per Unit	6.522 mg/unit
Total THC per Serving	
CBD per Unit	148.959 mg/unit
CBD per Serving	
Total CBD per Unit	211.485 mg/unit
Total CBD per Serving	
Sum of Cannabinoids per Unit	239.271 mg/unit
Sum of Cannabinoids per Serving	
Total Cannabinoids per Unit	230.064 mg/unit
Total Cannabinoids per Serving	

MOISTURE TEST RESULT

Not Tested

DENSITY TEST RESULT

0.927 g/mL

Tested 06/21/2020

Method: QSP - (1152) Sample Preparation

VISCOSITY TEST RESULT

Not Tested

