

## **KCA Laboratories**

232 North Plaza Drive Nicholasville, KY 40356 +1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

### **Certificate of Analysis**

1 of 2

## **HHC Cartridge**

Sample ID: SA-11172021-5630 Batch: 111821-01

Type: Finished Products Matrix: Concentrate - Vape Received: 11/18/2021 Completed: 12/03/2021 Client

Alternative Health Distribution 105 Oakpark Dr Suite A Mooresville, NC 28115 USA

Lic. #: 1234



Summary

Test Cannabinoids

Cannabinoids (Additional)

**Date Tested** 12/03/2021 12/03/2021

Status Tested Tested

Cannabinoids by HPLC-PDA

ND Total Δ9-THC 0.305 % Δ8-ΤΗС

0.305 % Total Cannabinoids

**Not Tested** Moisture Content **Not Tested** 

Yes

Total Δ9-THC		Δ8-ΤΗΟ	Δ8-ΤΗС		abinoids	Moisture Content	Foreign Matter	Internal Marker Recovered
Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)				
CBC	0.0095	0.0284	ND	ND	— uAU		SA-11172021-5630	
CBCA	0.0181	0.0543	ND	ND	500000¬			
CBCV	0.006	0.018	ND	ND	300000			
CBD	0.0081	0.0242	ND	ND				
CBDA	0.0043	0.013	ND	ND	400000-			
CBDV	0.0061	0.0182	ND	ND	400000			
CBDVA	0.0021	0.0063	ND	ND				
CBG	0.0057	0.0172	ND	ND				
CBGA	0.0049	0.0147	ND	ND	300000			
CBL	0.0112	0.0335	ND	ND				
CBLA	0.0124	0.0371	ND	ND	1			
CBN	0.0056	0.0169	ND	ND	200000			
CBNA	0.006	0.0181	ND	ND				Standard
Δ8-THC	0.0104	0.0312	0.305	3.05	$\times \Box$			al Stan
Δ9-THC	0.0076	0.0227	ND	ND	100000			Intern
Δ9-THCA	0.0084	0.0251	ND	ND				$\Lambda$
Δ9-THCV	0.0069	0.0206	ND	ND			d8-THC	
Δ9-THCVA	0.0062	0.0186	ND	ND	0			
Total ∆9-THC			ND	ND		2.5 5.0	7.5	10.0 mi
Total CBD			ND	ND				
Total			0.305	3.05				

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA \* 0.877 + Δ9-THC; Total CBD = CBDA \* 0.877 + CBD;

Generated By: Scott Caudill Senior Scientist Date: 12/03/2021

Tested By: Scott Caudill Senior Scientist Date: 12/03/2021





ISO/IEC 17025:2017 Accredited Accreditation #108651



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.



# **KCA Laboratories**232 North Plaza Drive

Nicholasville, KY 40356

+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

#### **Certificate of Analysis**

2 of 2

## **HHC Cartridge**

Sample ID: SA-11172021-5630 Batch: 111821-01 Type: Finished Products Matrix: Concentrate - Vape

Received: 11/18/2021 Completed: 12/03/2021

#### Client

Alternative Health Distribution 105 Oakpark Dr Suite A Mooresville, NC 28115 USA Lic. #: 1234

## Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	(x1,000.6	THC Standard
(9R)-HHC			47.1	471.0	1.00	1 S + S
(9S)-HHC			42.1	421.0	0.75	
					0.50	40 50 60 70 90 90 100 110 120 130 140

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit;  $\Delta$  = Delta; Total  $\Delta$ 9-THC =  $\Delta$ 9-THC +  $\Delta$ 9-THC; Total CBD = CBDA \* 0.877 +  $\Delta$ 9-THC; Total CBD = CBDA \* 0.877 + CBD;

Se Cubb

Tested By: Scott Caudill Senior Scientist Date: 12/03/2021



Generated By: Scott Caudill Senior Scientist Date: 12/03/2021