

KCA Laboratories 232 North Plaza Drive Nicholasville, KY 40356

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

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

0.140 %		2.77 %	8.56 %		Not Test	ed	Not Tested	Yes
Total Δ9-THC		CBGA	Total Cannabi	otal Cannabinoids		ontent	Foreign Matter	Internal Marker Recovered
Analyte	LOD (%)	LOQ Res (%) (%		mAU	4 4	SA-211	223-6307	
CBC	0.00095	0.0028 0.18	34 1.84	750-	CBGA			
CBCA	0.00181	0.0054 0.03	362 0.362		-			
CBCV	0.0006	0.0018 N	D ND					
CBD	0.00081	0.0024 1.7	4 17.4					
CBDA	0.00043	0.0013 0.8		500				
CBDV	0.00061	0.0018 0.02			8	Ŷ		
CBDVA	0.00021	0.0006 0.0			BDA	11-8p		
CBG	0.00057	0.0017 0.5	47 5.47		Ĩ			
CBGA	0.00049	0.0015 2.7	7 27.7	250			dard	
CBL	0.00112	0.0033 N	D ND		- CBG		hal Star	
CBLA	0.00124	0.0037 0.00	385 0.0385			THC	> Inter	
CBN	0.00056	0.0017 0.03	361 0.361		CBDVA	NB /		19
CBNA	0.0006	0.0018 N	D ND	0-				
∆8-THC	0.00104	0.0031 2.2	22 22.2		2.5	5.0	7.5	10.0 min
Δ9-THC	0.00076	0.0023 0.14	40 1.40	(x10,000,000	T		10	Max Intensity : 12,991,219
Δ9-ΤΗCΑ	0.00084	0.0025 N	D ND		andar		leita8-THC	
Δ9-THCV	0.00069	0.0021 N	D ND	1.00-	al St		delt	
Δ9-THCVA	0.00062	0.0019 N	D ND	0.75-	Inter			
Total ∆9-THC		0.1	40 1.40	0.50			오	
Total CBD		2.4	8 24.8	0.25-	1	A H	ta9-THC	
Total		8.5	6 85.6	3.0	4.0 5.0 6.0	7.0 8.0 9.0	10.0 11.0 12.0 13	.0 14.0 15.0 15.0 17.0 18.0

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-THCA \* 0.877 +  $\Delta$ 9-THC; Total CBD = CBDA \* 0.877 + CBD;

Generated By: Ryan Bellone Commercial Director Date: 01/18/2022

Tested By: Scott Caudill Senior Scientist Date: 01/18/2022



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 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 in full, without the written approval of KCA Laboratories can provide measurement uncertainty upon request.