

KCA Laboratories 232 North Plaza Drive Nicholasville, KY 40356

+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P_0058

1 of 1

H4CBD

Imple ID: SA-241008-498 atch: 100724 pe: In-Process Material atrix: Concentrate - Disti hit Mass (g):		Received: 09/30/2024 Completed: 10/07/2024		60 Kansas Av	Loop Botanicals 60 Kansas Ave Kansas City, KC 66105	
			Summary			
			Test		Date Tested Status	
	HACBD		Cannabinoi	ids 10/07/2024	Tested	
0.000684 %	62.6 %	94.9 %	Not Tested		Yes	
Total Δ9-THC	9R-H4-CBD	Total Cannabinoids		ent Foreign Matter	Internal Standard Normalization	
Total Δ9-THC		and LC-MS/M	s		Normalization	
		and LC-MS/M	S LOQ	Result	Normalization	
annabinoids b	y GC-MS/MS	and LC-MS/M LOD (%)	S LOQ (%)	Result (%)	Normalization Result (mg/g)	
annabinoids b	y GC-MS/MS	and LC-MS/M LOD (%) 0,0095	S LOQ (%) 0.0284	Result (%) ND	Normalization Result (mg/g) ND	
annabinoids b nalyte 3C 3CV	y GC-MS/MS	and LC-MS/M LOD (%) 0,0095 0.006	S LOQ (%) 0.0284 0.018	Result (%) ND ND	Normalization Result (mg/g) ND ND ND	
annabinoids b malyte SC SCV SD	y GC-MS/MS	and LC-MS/M LOD (%) 0.0095 0.006 0.0081	S LOQ (%) 0.0284 0.018 0.0242	Result (%) ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND	
annabinoids b nalyte 3C 3CV 3D 3DV	y GC-MS/MS	and LC-MS/M LOD (%) 0.0095 0.006 0.0081 0.0061	S LOQ (%) 0.0284 0.018 0.0242 0.0182	Result (%) ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND	
annabinoids b nalyte 3C 3C 3C 3D 3D 3D 3G	y GC-MS/MS	and LC-MS/M LOD (%) 0,0095 0,006 0,0081 0,0061 0,0057	S LOQ (%) 0.0284 0.018 0.0242 0.0182 0.0182 0.0172	Result (%) ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND	
annabinoids b nalyte ac acv ad ad ac ac ac ac ac ac ac ac ac ac ac	y GC-MS/MS	and LC-MS/M LOD (%) 0,0095 0,006 0,0081 0,0061 0,0057 0,0112	S LOQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335	Result (%) ND ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND ND	
annabinoids b nalyte 3C 3CV 3D 3DV 3C 3L 3N	y GC-MS/MS	and LC-MS/M LOD (%) 0,0095 0,006 0,0081 0,0061 0,0057 0,0112 0,0056	S LOQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169	Result (%) ND ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND ND ND ND	
annabinoids b nalyte 3C 3CV 3D 3D 3D 3G 3L 3N 3T	y GC-MS/MS	and LC-MS/M LOD (%) 0,0095 0,006 0,0081 0,0061 0,0057 0,0112 0,0056 0,018	S LOQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054	Result (%) ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND ND ND ND	
annabinoids b nalyte 3C 3C 3C 3C 3D 3D 3D 3D 3C 3L 3N 3T 4,8-iso-THC	y GC-MS/MS	and LC-MS/M LOD (%) 0.0095 0.006 0.0081 0.0061 0.0057 0.0112 0.0056 0.018 0.0067	S LOQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054 0.02	Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND ND ND ND ND	
annabinoids b nalyte 3C 3CV 3D 3DV 3C 3L 3N 3T 4,8-iso-THC 3-iso-THC	y GC-MS/MS	and LC-MS/M LOD (%) 0,0095 0,006 0,0081 0,0061 0,0057 0,0112 0,0056 0,018 0,0067 0,0067	S LOQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054 0.02 0.02 0.02	Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND ND ND ND ND	
annabinoids b nalyte 3C 3CV 3D 3DV 3G 3L 3N 3T 4;8-iso-THC 3-iso-THC 3-THC	y GC-MS/MS	and LC-MS/M LOD (%) 0,0095 0,006 0,0081 0,0061 0,0057 0,0112 0,0056 0,018 0,0067 0,0067 0,0067 0,0067 0,0104	S LOQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054 0.02 0.024 0.0152 0.0172 0.0335 0.0169 0.054 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.0335 0.0169 0.0254 0.02 0.02 0.02 0.02 0.0335 0.026 0.02 0.02 0.0335 0.02 0.02 0.02 0.02 0.0335 0.02 0.02 0.0335 0.02 0.02 0.0335 0.02 0.02 0.0335 0.02 0.02 0.0335 0.02 0.02 0.02 0.0335 0.02 0.02 0.02 0.02 0.0335 0.02 0.02 0.02 0.02 0.0335 0.02 0.02 0.02 0.02 0.0335 0.02 0.02 0.02 0.0335 0.02 0.02 0.0335 0.02 0.02 0.0335 0.02 0.02 0.02 0.02 0.0335 0.02 0.02 0.02 0.02 0.0335 0.02 0.02 0.02 0.02 0.02 0.0335 0.02 0.02 0.02 0.02 0.0335 0.02 0.02 0.02 0.0335 0.02 0.02 0.02 0.0335 0.02 0.02 0.0335 0.02 0.02 0.0335 0.02 0.02 0.0335 0.02 0.02 0.02 0.0335 0.02 0.02 0.0335 0.02 0.02 0.0335 0.02 0.0335 0.02 0.02 0.02 0.02 0.02 0.0335 0.02 0.02 0.02 0.0335 0.02 0.02 0.0335 0.02 0.0335 0.02 0.02 0.0335 0.02 0.0335 0.02 0.0335 0.02 0.0335 0.02 0.02 0.02 0.0335 0.02	Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND ND ND ND ND	
annabinoids b nalyte 3C 3CV 3D 3DV 3G 3L 3N 3T 4,8-iso-THC 3-THC 3-THC	y GC-MS/MS	and LC-MS/M LOD (%) 0,0095 0,006 0,0081 0,0061 0,0057 0,0112 0,0056 0,018 0,0067 0,0067 0,0067 0,0067 0,0067	S LOQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054 0.02 0.02 0.02 0.02 0.0312 0.02	Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND N	
annabinoids b nalyte 3C 3CV 3D 3DV 3C 3DV 3G 3L 3N 3T 4,8-iso-THC 3-iso-THC 3-THC 3-THC 3-THC 3-THC	y GC-MS/MS	and LC-MS/M LOD (%) 0,0095 0,006 0,0081 0,0061 0,0057 0,0112 0,0056 0,018 0,0067 0,0067 0,0067 0,0067 0,0007 0,0007 0,0007 0,0007 0,0007 0,0007 0,0007	S LOQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054 0.02 0.024 0.0172 0.0335 0.0169 0.054 0.02 0	Result (%) ND	Normalization Result (mg/g) ND ND ND ND ND ND ND N	
annabinoids b nalyte 3C 3CV 3D 3DV 3C 3DV 3C 3L 3N 3T 4,8-iso-THC 3-THC 3-THC 3-THC 3-THC 3-THC 3-THC	y GC-MS/MS	and LC-MS/M LOD (%) 0,0095 0,006 0,0081 0,0061 0,0057 0,0112 0,0056 0,018 0,0067 0,0067 0,0067 0,0067 0,0007 0,0007 0,0001 0,0001	S LOQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054 0.02 0.0	Result (%) ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND N	
annabinoids b nalyte 3C 3CV 3D 3DV 3C 3DV 3G 3L 3N 3T 4,8-iso-THC 3-iso-THC 3-THC 3-THC 3-THC 3-THC	y GC-MS/MS	and LC-MS/M LOD (%) 0,0095 0,006 0,0081 0,0061 0,0057 0,0112 0,0056 0,018 0,0067 0,0067 0,0067 0,0067 0,0007 0,0007 0,0001 0,0001 0,0001 0,0009	S LOQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054 0.02 0.0	Result (%) ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND N	
annabinoids b nalyte 3C 3CV 3D 3DV 3G 3L 3N 3T 4,8-iso-THC 3	y GC-MS/MS	and LC-MS/M LOD (%) 0,0095 0,006 0,0081 0,0061 0,0057 0,0112 0,0056 0,018 0,0067 0,0067 0,0067 0,0067 0,0007 0,0007 0,0001 0,0001	S LOQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.003 0.0003 0.0003 0.0206 0.02	Result (%) ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND N	
annabinoids b halyte 3C 3CV 3D 3DV 3G 3L 3N 3T 4,8-iso-THC 3-iso-THC 3-THC 3-THC 3-THC 3-THC 3-THC 3-THC 3-THC 3-THC 3-THC	y GC-MS/MS	and LC-MS/M LOD (%) 0,0095 0,006 0,0081 0,0061 0,0057 0,0112 0,0056 0,018 0,0067 0,0067 0,0067 0,0067 0,0007 0,0007 0,0001 0,0001 0,0001 0,0009	S LOQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054 0.02 0.0	Result (%) ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND N	
annabinoids b nalyte 3C 3CV 3D 3DV 3G 3L 3N 3T 4,8-iso-THC 3	y GC-MS/MS	and LC-MS/M LOD (%) 0,0095 0,006 0,0081 0,0061 0,0057 0,0112 0,0056 0,018 0,0067 0,0067 0,0007 0,0001 0,0001 0,0001 0,0009 0,0005	S LOQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.003 0.0003 0.0003 0.0206 0.02	Result (%) ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND N	
annabinoids b halyte 3C 3CV 3D 3DV 3G 3L 3N 3T 4;8-iso-THC 3-iso-THC 3-THC	y GC-MS/MS	and LC-MS/M LOD (%) 0,0095 0,006 0,0081 0,0061 0,0057 0,0112 0,0056 0,018 0,0067 0,0067 0,0001 0,0001 0,0001 0,0001 0,0005 0,0067 0,0007 0,0007 0,0007 0,0007	S LOQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.0312 0.02 0.02 0.003 0.0003 0.0003 0.0003 0.0206 0.02 0.02 0.02	Result (%) ND ND ND ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND N	
annabinoids b halyte 3C 3C 3C 3C 3D 3D 3D 3D 3C 3C 3C 3C 3C 3C 3C 3C 3C 3C 3C 3C 3C	y GC-MS/MS	and LC-MS/M LOD (%) 0,0095 0,006 0,0081 0,0061 0,0057 0,0112 0,0056 0,018 0,0067 0,0067 0,0001 0,0001 0,0007 0,0001 0,0007 0,0067 0,0067 0,0067	S LOQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.003 0.0003 0.0003 0.0003 0.0206 0.02	Result (%) ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND N	
annabinoids b halyte 3C 3CV 3D 3DV 3G 3L 3N 3T &8-iso-THC 3-iso-THC 3-iso-THC 3-THC	y GC-MS/MS	and LC-MS/M LOD (%) 0,0095 0,006 0,0081 0,0061 0,0057 0,0112 0,0056 0,018 0,0067 0,0067 0,0001 0,0001 0,0001 0,0001 0,0005 0,0067 0,0067 0,0067 0,0067 0,0067 0,0067	S LOQ (%) 0.0284 0.018 0.0242 0.0182 0.0172 0.0335 0.0169 0.054 0.02 0.02 0.02 0.02 0.02 0.02 0.003 0.0003 0.0003 0.0003 0.0206 0.02	Result (%) ND	Normalization Result (mg/g) ND ND ND ND ND ND ND ND ND N	

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

Generated By: Ryan Bellone CCO Date: 10/08/2024

Testéd By: Nicholas Howard Scientist Date: 10/07/2024



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 can provide measurement uncertainty upon request.