

KCA Laboratories 232 North Plaza Drive Nicholasville, KY 40356

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1 of 1

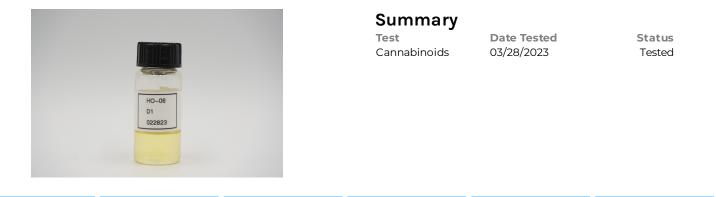
#### hhc-o

Sample ID: SA-230404-19769 Batch: ho-06d1022823 Type: Finished Products Matrix: Concentrate - Distillate Unit Mass (g):

Collected: 03/08/2023 Received: 03/23/2023 Completed: 03/28/2023 Client

MC Nutraceuticals 6101 Long Prairie Rd, Ste 144 LB 17 Flower Mound, TX 75028 USA





ND	<b>64.6</b> %	95.3 %	Not Tested	Not Tested	Yes
Total ∆9-THC	(6aR,9R,10aR)-HHC acetate	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization

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

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)		
СВС	0.0095	0.0284	ND	ND	-	
CBCV	0.006	0.018	ND	ND		
CBD	0.0081	0.0242	ND	ND		
CBDV	0.0061	0.0182	ND	ND	(x1,000,000)	Max Intensity : 4,988,011
CBG	0.0057	0.0172	ND	ND	45 te	
CBL	0.0112	0.0335	ND	ND	04	
CBN	0.0056	0.0169	ND	ND	3.5-	
CBN acetate	0.0067	0.02	6.74	67.4		
CBT	0.018	0.054	ND	ND		
Δ8-THC	0.0104	0.0312	ND	ND	Set out of the set of	
Δ9-THC	0.0076	0.0227	ND	ND		
Δ9-THCV	0.0069	0.0206	ND	ND	0.5- 	
(6aR,9R,10aR)-HHC	0.0067	0.02	0.552	5.52	1	16.0 17.0
(6aR,9S,10aR)-HHC	0.0067	0.02	0.158	1.58		
(6aR,9R,10aR)-HHC acetate	0.0067	0.02	64.6	646		
(6aR,9S,10aR)-HHC acetate	0.0067	0.02	23.3	233		
Total Δ9-THC			ND	ND		
Total CBD			ND	ND		
Total			95.3	953		

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 + CBD;



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 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 are provide measurement uncertainty upon request.



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1 of 1

#### HHC.050521.1

Sample ID: SA-230512-21601 Batch: 050521.1 Type: In-Process Material Matrix: Concentrate - Distillate Unit Mass (g):

Received: 05/12/2023 Completed: 05/23/2023 Client

MC Nutraceuticals 6101 Long Prairie Rd, Ste 144 LB 17 Flower Mound, TX 75028 USA





## Summary

**Test** Cannabinoids

Date Tested 05/23/2023 Status Tested

ND	<b>69.2</b> %	94.8 %	Not Tested	Not Tested	Yes
Total ∆9-THC	(6aR,9R,10aR)-HHC	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization

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

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
СВС	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDA	0.0043	0.013	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	ND	ND
CBNA	0.006	0.0181	ND	ND
CBT	0.018	0.054	ND	ND
∆8-THC	0.0104	0.0312	ND	ND
∆9-THC	0.0076	0.0227	ND	ND
Δ9-THCA	0.0084	0.0251	ND	ND
∆9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
(6aR,9R,10aR)-HHC	0.0067	0.02	69.2	692
(6aR,9S, <mark>10aR</mark> )-HHC	0.0067	0.02	25.7	257
Total ∆9-THC			ND	ND
Total			94.8	948

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: Ryan Bellone CCO Date: 05/23/2023

11

Tested By: Scott Caudill Senior Scientist Date: 05/23/2023





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1 of 1

# D8THCp.030223

Sample ID: SA-230303-17694 Batch: 030223 Type: In-Process Materials Matrix: Concentrate - Distillate Unit Mass (g):

Received: 03/03/2023 Completed: 03/13/2023 Client

MC Nutraceuticals 6101 Long Prairie Rd, Ste 144 LB 17 Flower Mound, TX 75028 USA





#### Summary

**Test** Cannabinoids

Date Tested 03/13/2023 Status Tested

ND	75.4 %	90.9 %	Not Tested	Not Tested	Yes
Total ∆9-THC	Δ8-ΤΗϹΡ	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization

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

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
СВС	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDA	0.0043	0.013	ND	ND
CBDP	0.0067	0.02	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	ND	ND
CBNA	0.006	0.0181	ND	ND
CBT	0.018	0.054	ND	ND
∆8-THC	0.0104	0.0312	ND	ND
∆8-THCP	0.0067	0.02	75.4	754
Δ9-THC	0.0076	0.0227	ND	ND
Δ9-THCA	0.0084	0.0251	ND	ND
Δ9-THCP	0.0067	0.02	15.4	154
∆9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
Total ∆9-THC			ND	ND
Total CBD			ND	ND
Total			90.9	909

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 CCO Date: 03/13/2023

Tested By: Scott Caudill

ested By: Scott Caudill Senior Scientist Date: 03/13/2023





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