



DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

R&D

**BRUTUS LLC**  
416 ANITA DRIVE  
GOOSE CREEK, SC 29445

Batch # HHC 6/13/22  
Batch Date: 2022-06-13  
Extracted From: FLORAL

Test Reg State: Florida

Order # BRU220613-050001  
Order Date: 2022-06-13  
Sample # AACY462

Sampling Date: 2022-06-15  
Lab Batch Date: 2022-06-15  
Completion Date: 2022-06-24

Initial Gross Weight: 47.586 g



Potency  
Tested

HHC  
Tested

Product Image

## Potency 21 (LCUV)

Specimen Weight: 50.000 mg

Tested

SOP13.002 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	100.000	2.60E-5	0.0015	86.7100	8.6710
CBN	10.000	1.40E-5	0.0015	1.5760	0.1576
Delta-8 THCV	10.000	4.00E-5	0.0015	1.3830	0.1383
CBNA	10.000	9.50E-5	0.0015	0.7960	0.0796
CBT	10.000	2.00E-4	0.0015	0.6270	0.0627
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ
THCVA	10.000	4.70E-5	0.0015	<LOQ	<LOQ
CBC	100.000	1.80E-5	0.0015	<LOQ	<LOQ
THCA	10.000	3.20E-5	0.0015	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.0015	<LOQ	<LOQ
Delta-9 THC-O Acetate	10.000	7.70E-5	0.0003	<LOQ	<LOQ
CBCA	10.000	1.07E-4	0.0015	<LOQ	<LOQ
Delta-8 THC-O Acetate	10.000	2.70E-5	0.0003	<LOQ	<LOQ
CBL	10.000	3.50E-5	0.0015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.0015	<LOQ	<LOQ
CBDVA	10.000	1.40E-5	0.0015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.0015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.0015	<LOQ	<LOQ
CBD	10.000	5.40E-5	0.0015	<LOQ	<LOQ
Delta-9 THC	10.000	1.30E-5	0.0015	<LOQ	<LOQ

## Potency Summary

Total HHC 88.62100%	-	Total THC None Detected
-	Total CBD None Detected	-
Total CBN 0.227%	Other Cannabinoids 8.872%	
Total Cannabinoids 97.720%		

Xueli Gao  
Ph.D., DABT  
Lab Toxicologist

Aixia Sun  
D.H.Sc., M.Sc., B.Sc., MT (AAB)  
Lab Director/Principal Scientist



Definitions and Abbreviations used in this report: Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total THC = THCA-A \* 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA \* 0.87), CBG Total = (CBGA \* 0.877) + CBG, CBN Total = (CBNA \* 0.877) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, + HHC Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, \*Measurement of Uncertainty = +/- 10%

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**HHC**

Specimen Weight: 50.000 mg

**Tested**

SOP13.050 (LCMS)

Dilution Factor: 1.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.1100E-7	7.5E-5	434.0000	43.4	(±)9β-h	4.5800E-7	7.5E-5	1.2100	0.121
(9S)-HHC	8.7400E-7	7.5E-5	451.0000	45.1	hydroxy-HHC	7	7.5E-5		
					Total HHC		7.5E-5	886.2100	88.621

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Aixia Sun Lab Director/Principal Scientist  
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