



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

Certificate of Analysis

Compliance Test

TWISTED BRANDS LLC
4766 NORTH POWERLINE ROAD
COCONUT CREEK, FLORIDA 33073

Batch # 032422-01
Batch Date: 2022-03-24
Extracted From: Hemp

Test Reg State: Florida

Order # TWI220324-010001
Order Date: 2022-03-24
Sample # AACQ179

Sampling Date: 2022-03-25
Lab Batch Date: 2022-03-25
Completion Date: 2022-04-01

Initial Gross Weight: 2.603 g



Product Image

Potency
Tested

HHC
Tested



Potency 20 (LCMS)

Specimen Weight: 207.110 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBDA	1500.000	7.78E-8	7.5E-5	140.500	14.050
CBD	150.000	3.37E-7	7.5E-5	15.840	1.584
CBGA	15.000	5.08E-7	7.5E-5	7.020	0.702
CBG	15.000	4.71E-8	7.5E-5	4.400	0.440
THCA-A	15.000	1.51E-7	7.5E-5	4.210	0.421
Delta-8 THC	15.000	8.36E-7	7.5E-5	2.910	0.291
THCV	15.000	1.24E-6	7.5E-5	1.380	0.138
CBNA	15.000	8.95E-8	7.5E-5	1.140	0.114
CBG	15.000	4.0E-7	7.5E-5	0.850	0.086
CBC	15.000	1.94E-6	7.5E-5	0.490	0.049
CBDVA	15.000	9.87E-8	7.5E-5	0.350	0.035
Delta-8 THCV	15.000	2.1E-7	7.5E-5	0.300	0.030
CBN	15.000	1.25E-6	7.5E-5	0.230	0.023
Exo-THC	15.000	3.57E-6	7.5E-5	<LOQ	
THCVA	15.000	1.36E-6	7.5E-5	<LOQ	
Delta-9 THCO-Acetate	15.000	9.65E-7	7.5E-5	<LOQ	
CBT	15.000	3.51E-7	7.5E-5	<LOQ	
CBL	15.000	4.03E-7	7.5E-5	<LOQ	
CBDV	15.000	9.8E-8	7.5E-5	<LOQ	
Delta-9 THC	15.000	2.98E-5	7.5E-5	<LOQ	

Tested (LCMS)



Potency Summary

Total THC 0.369%	Total CBD 13.906%
Total CBG 0.471%	Total CBN 0.123%
Other Cannabinoids 1.154%	Total Cannabinoids 16.023%

HHC Summary

Analyte	Result (mg/g)	(%)	Total/Unit (mg)
Total HHC	211.52	21.152%	0.00000

Xuek Gao
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Lab Toxicologist
Ph.D., DABT

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



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 = 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, *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), (sw) = sw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 10%

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HHC

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Tested
(LCMS)

Dilution Factor: 1.000

Analyte	LOQ (%)	Result (mg/g)	(%) Analyte	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	7.5E-5	87.3000	8.73 (z)-9B-hydroxy-HHC	7.5E-5	1.2200	0.122
(9S)-HHC	7.5E-5	123.0000	12.3 Total HHC	7.5E-5	211.5200	21.152

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