



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 # 032122-01
 Batch Date: 2022-03-21
 Extracted From: Hemp

Test Reg State: Florida

Order # TWI220321-020001
 Order Date: 2022-03-21
 Sample # AACP451

Sampling Date: 2022-03-22
 Lab Batch Date: 2022-03-22
 Completion Date: 2022-03-25

Initial Gross Weight: 10.698 g
 Net Weight: 9.398 g

Number of Units: 1
 Net Weight per Unit: 9398.000 mg



Product Image

Potency
Tested

HHC
Tested

Potency 20 (LCMS)
 Specimen Weight: 1539.900 mg

Tested
 (LCMS)

Pieces For Panel: 1

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	8.36E-7	7.5E-5	0.100	0.010
THCV	1.24E-6	7.5E-5	0.040	0.004
Delta-9 THCO-Acetate	9.65E-7	7.5E-5	<LOQ	
THCVA	1.36E-6	7.5E-5	<LOQ	
THCA-A	1.51E-7	7.5E-5	<LOQ	
Exo-THC	3.57E-6	7.5E-5	<LOQ	
CBC	1.94E-6	7.5E-5	<LOQ	
CBCA	5.08E-7	7.5E-5	<LOQ	
Delta-8 THCV	2.1E-7	7.5E-5	<LOQ	
CBT	3.51E-7	7.5E-5	<LOQ	
CBNA	8.95E-8	7.5E-5	<LOQ	
CBN	1.25E-6	7.5E-5	<LOQ	
CBL	4.03E-7	7.5E-5	<LOQ	
CBGA	4.71E-8	7.5E-5	<LOQ	
CBG	4.0E-7	7.5E-5	<LOQ	
CBDVA	9.87E-8	7.5E-5	<LOQ	
CBDV	9.8E-8	7.5E-5	<LOQ	
CBDA	7.78E-8	7.5E-5	<LOQ	
CBD	3.37E-7	7.5E-5	<LOQ	
Delta-9 THC	2.98E-5	7.5E-5	<LOQ	

Potency Summary

Total THC None Detected	Total CBD None Detected
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids 0.013%	Total Cannabinoids 1.220mg



HHC Summary

Analyte	Result (mg/g)	(%)	Total/Unit (mg)
Total HHC	3.5841	0.35841%	33.68337

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



This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



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 # 032122-01
Batch Date: 2022-03-21
Extracted From: Hemp

Test Reg State: Florida

Order # TWI220321-020001
Order Date: 2022-03-21
Sample # AACP451

Sampling Date: 2022-03-22
Lab Batch Date: 2022-03-22
Completion Date: 2022-03-25

Initial Gross Weight: 10.698 g
Net Weight: 9.398 g

Number of Units: 1
Net Weight per Unit: 9398.000 mg



HHC

Specimen Weight: 208.800 mg

Tested (LCMS)

Dilution Factor: 1000.000 Total/Piece (mg): 33.6833718

Analyte	LOQ (%)	Result (mg/g)	(%) Analyte	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	7.5E-5	1.7100	0.171	(±)-9β-hydroxy-HHC	7.5E-5	0.0041
(9S)-HHC	7.5E-5	1.8700	0.187	Total HHC	7.5E-5	3.5841

Xueli Gao
Xueli Gao
Ph.D., DABT
Lab Toxicologist

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

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.