Bia Diagnostics Laboratories

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480 HERCULES DR. COLCHESTER, VT 05446

Certificate of Analysis

Company: Family Tree Hemp Company
P.O. Box 400
Sheldon Springs, VT 05485
Customer ID: 200210-0
Grower License #: 10520191019214353l5

Sample ID: Shaolin Bullet CBD Hemp Flower Rosin
Lot: NA
Matrix: Concentrate
Date Sampled: 11/30/2020
Date Received: 12/1/2020

Report Date: 12/4/2020
Date Analyzed: 12/3/2020
Analyst: SCG
Report ID: C201201AG-2
Amendment of C201201AG

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	1.59	0.16
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	531.82	53.18
CBGA	0.0008	3.00	0.30
CBG	0.0019	2.85	0.29
CBD	0.0019	84.03	8.40
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	8.12	0.81
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	12.04	1.20
CBC	0.0024	20.90	2.09
Total THC		18.68	1.87
Total CBD		550.44	55.04
Total Cannabinoids		664.36	66.44

1.87% **Total THC**	55.04% **Total CBD**
66.44% **Total Cannabinoids**	0.81% **Δ9-THC**
N/A **Percent Moisture**	1 : 29.5 **THC : CBD Ratio**

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group.

These values are calculated as follows:

Total THC = (THCA x 0.877) + Δ9-THC

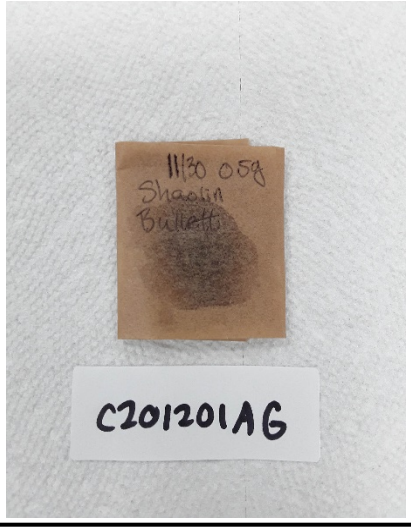
Total CBD = (CBDA x 0.877) + CBD

Ratio of Total CBD: Total THC

Reagent Blanks: < LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.



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