

Certificate of Analysis

Company: Family Tree	Sample ID: F21111 Indoor Shaolin Bullet	
PO Box 400	Lot: NA	Report Date: 7/9/2021
Sheldon Springs, VT 05485	Matrix: Flower-Dry	Date Analyzed: 7/8/2021
Customer ID: 200210-0	Date Sampled: 7/5/2021	Analyst: SCG
Grower License #: 50_2021_00000105	Date Received: 7/7/2021	Report ID: C210625AC

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	153.71	15.37
CBGA	0.0008	2.02	0.20
CBG	0.0019	0.51	0.05
CBD	0.0019	20.16	2.02
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	2.45	0.24
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	4.44	0.44
CBC	0.0024	2.91	0.29
Total THC		6.34	0.63
Total CBD		154.96	15.50
Total Cannabinoids		186.19	18.62

0.63%

Total THC

15.50%

Total CBD

18.62%

Total Cannabinoids

0.24%

Δ9-THC

11.75%

Percent Moisture

1 : 24.4

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.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement.
 Δ9-THC MU = ±0.000056% Total THC MU = ±0.00009%
 All other cannabinoid MU values are available upon request.



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