Bia Diagnostics Laboratories

Bia Diagnostics
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Lic# TLAB0029

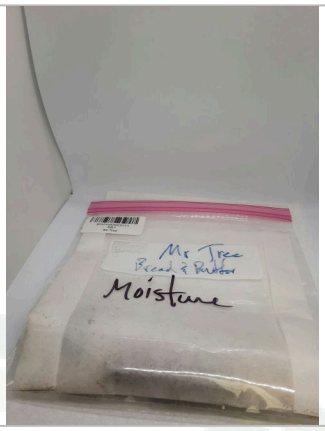
BB3

Sample ID: BIA240820S0013
Strain: Bread & Butter

Matrix: Plant
Type: Enhanced/Infused Preroll
Sample Size: 8.78 g
Lot#:

Produced:
Collected:
Received: 08/21/2024
Completed: 08/29/2024
Batch#: HL8

Client
Mr Tree
Lic. # SCLT 00225
57 Commerce AVE
South Burlington, VT 05403



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	08/28/2024	Complete
Moisture	08/21/2024	9.50% - Complete

Cannabinoids

Completed

41.89%	0.11%	48.66%
Total THC	Total CBD	Total Cannabinoids

Analyte	LOQ	Mass	Mass
	%	%	mg/g
CBDVa	0.0001	<LOQ	<LOQ
CBDV	0.0001	<LOQ	<LOQ
CBDa	0.0001	0.13	1.3
CBGa	0.0001	1.20	12.0
CBG	0.0002	0.19	1.9
CBD	0.0002	<LOQ	<LOQ
THCV	0.0002	<LOQ	<LOQ
CBN	0.0001	0.06	0.6
Δ9-THC	0.0002	6.25	62.5
Δ8-THC	0.0002	<LOQ	<LOQ
Δ10-THC	0.0000	0.11	1.1
CBC	0.0002	0.08	0.8
THCa	0.0003	40.64	406.4
Total THC		**41.89**	**418.92**
Total CBD		**0.11**	**1.12**
Total		**48.66**	**486.62**

Analyst: 052
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:
TotalTHC=(THCAx0.877)+Δ9-THC
Total CBD = (CBDA x 0.877) + CBD 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 = ±0.005% Total THC MU = ±0.007%
All other cannabinoid MU values are available upon request.
All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

Luke Emerson-Mason
Laboratory Director
08/29/2024