

Mac Daddy

 Sample ID: BIA241002S0001
 Strain: Mac 1

 Produced:
 Collected:
 Received: 10/02/2024
 Completed: 10/16/2024
 Batch#:

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

 Matrix: Plant
 Type: Enhanced/Infused Preroll
 Sample Size: 4 units
 Lot#:


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	10/11/2024	Complete
Moisture	10/11/2024	9.60% - Complete
Water Activity	10/11/2024	0.467 aw - Complete
Terpenes	10/14/2024	Complete
Microbials	10/10/2024	Complete
Pesticides	10/15/2024	Complete

Cannabinoids

Completed

46.13% Total THC	0.14% Total CBD	53.65% Total Cannabinoids
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Analyte	LOQ %	Mass %	Mass mg/g
CBDVa	0.0001	0.07	0.7
CBDV	0.0001	<LOQ	<LOQ
CBDa	0.0001	0.16	1.6
CBGa	0.0001	1.31	13.1
CBG	0.0002	0.10	1.0
CBD	0.0002	<LOQ	<LOQ
THCV	0.0002	<LOQ	<LOQ
CBN	0.0001	<LOQ	<LOQ
Δ9-THC	0.0002	5.00	50.0
Δ8-THC	0.0002	<LOQ	<LOQ
Δ10-THC	0.0000	0.12	1.2
CBC	0.0002	<LOQ	<LOQ
THCa	0.0003	46.89	468.9
Total THC		46.13	461.25
Total CBD		0.14	1.38
Total		53.65	536.49

Analyst: 048

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:

 $Total\ THC = (THCa \times 0.877) + \Delta 9-THC$
 $Total\ CBD = (CBDA \times 0.877) + CBD\ Reagent$

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 and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.




 Luke Emerson-Mason
 Laboratory Director
 10/16/2024

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