Bia Diagnostics Laboratories

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Lic# TLAB0029

Sunshine #4 Infused PreRoll

Sample ID: BIA250211S0004
Strain: Sunshine #4

Matrix: Plant
Type: Enhanced/Infused Preroll
Sample Size: 2 units
Lot#:

Produced:
Collected:
Received: 02/11/2025
Completed: 02/18/2025
Batch#: MANU0002-170

Client
Family Tree Hemp Company

Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	02/17/2025	Complete
Moisture	02/11/2025	7.40% - Complete
Water Activity	02/11/2025	0.290 aw - Complete

Cannabinoids

Completed

42.84%	0.08%	51.22%
Total THC	Total CBD	Total Cannabinoids

Analyte	LOQ	Mass	Mass
	%	%	mg/g
CBDVa	0.0001	0.05	0.5
CBDV	0.0001	<LOQ	<LOQ
CBDa	0.0001	0.09	0.9
CBGa	0.0001	2.41	24.1
CBG	0.0002	0.21	2.1
CBD	0.0002	<LOQ	<LOQ
THCV	0.0002	0.05	0.5
CBN	0.0001	<LOQ	<LOQ
Δ9-THC	0.0002	4.05	40.5
Δ8-THC	0.0002	<LOQ	<LOQ
Δ10-THC	0.0000	0.05	0.5
CBC	0.0002	0.09	0.9
THCa	0.0003	44.22	442.2
Total THC		**42.84**	**428.35**
Total CBD		**0.08**	**0.83**
Total		**51.22**	**512.19**

Analyst: 056
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 and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

Luke Emerson-Mason
Laboratory Director
02/18/2025

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