

Indoor Sunshine #4

 Sample ID: BIA250311S0003
 Strain: Sunshine #4

 Produced:
 Collected:
 Received: 03/11/2025
 Completed: 03/14/2025
 Batch#: CLTV0014-127-159

 Client
Family Tree Hemp Company

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 12.51 g
 Lot#:


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	03/13/2025	Complete
Moisture	03/12/2025	10.90% - Complete
Water Activity	03/12/2025	0.545 aw - Complete

Cannabinoids

Completed

27.95% Total THC	0.09% Total CBD	33.58% Total Cannabinoids
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Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving
CBDVa	0.0005	<LOQ	<LOQ	
CBDV	0.0012	<LOQ	<LOQ	
CBDa	0.0008	0.10	1.0	
CBGa	0.0008	1.53	15.3	
CBG	0.0019	0.20	2.0	
CBD	0.0019	<LOQ	<LOQ	
THCV	0.0021	<LOQ	<LOQ	
CBN	0.0013	<LOQ	<LOQ	
Δ9-THC	0.0020	0.85	8.5	
Δ8-THC	0.0019	<LOQ	<LOQ	
Δ10-THC	0.0002	<LOQ	<LOQ	
CBC	0.0024	<LOQ	<LOQ	
THCa	0.0034	30.90	309.0	
Total THC		27.95	279.53	
Total CBD		0.09	0.86	
Total		33.58	335.84	0.00

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:

$$\text{Total THC} = (\text{THCA} \times 0.877) + \Delta 9\text{-THC}$$

$$\text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD Reagent}$$

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
 03/14/2025

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