

## Sunshine #4 Flower Rosin

Sample ID: BIA250226S0006  
Strain: Sunshine 4

Produced:  
Collected:  
Received: 02/26/2025  
Completed: 03/06/2025  
Batch#: MANU0002-169

Client  
**Family Tree Hemp Company**

Matrix: Concentrates & Extracts  
Type: Rosin  
Sample Size: 1 units  
Lot#:



### Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	03/03/2025	Complete

### Cannabinoids

Completed

<b>64.44%</b> Total THC	<b>0.13%</b> Total CBD	<b>75.64%</b> Total Cannabinoids
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Analyte	LOQ	Results	Results	Mass	Mass
	%	%	mg/g	mg/mL	mg/container
CBDVa	0.0001	<LOQ	<LOQ		
CBDV	0.0001	<LOQ	<LOQ		
CBDa	0.0001	0.15	1.5		
CBGa	0.0001	3.71	37.1		
CBG	0.0002	0.72	7.2		
CBD	0.0002	<LOQ	<LOQ		
THCV	0.0002	0.32	3.2		
CBN	0.0001	0.35	3.5		
Δ9-THC	0.0002	26.80	268.0		
Δ8-THC	0.0002	<LOQ	<LOQ		
Δ10-THC	0.0000	<LOQ	<LOQ		
CBC	0.0002	0.66	6.6		
THCa	0.0003	42.92	429.2		
<b>Total THC</b>		<b>64.44</b>	<b>644.42</b>		
<b>Total CBD</b>		<b>0.13</b>	<b>1.30</b>		
<b>Total</b>		<b>75.64</b>	<b>756.35</b>	<b>0.00</b>	<b>0.00</b>

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 x 0.877) + 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  
03/06/2025

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