

## Type I -THC CO2 Distillate

 Sample ID: BIA250416S0021  
 Strain: Blend

 Matrix: Concentrates & Extracts  
 Type: Distillate  
 Sample Size: 1 units  
 Lot#: 1925205

 Produced:  
 Collected:  
 Received: 04/16/2025  
 Completed: 04/22/2025  
 Batch#:

 Client  
**Green Mountain Scientific Corp.**  
 Lic. # MANU0019  
 PO Box 699  
 Morrisville, VT 05661


### Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	04/18/2025	Complete

### Cannabinoids

Completed

76.60%		0.32%		84.59%	
Total THC		Total CBD		Total Cannabinoids	
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	<LOQ	<LOQ		
CBGa	0.0001	<LOQ	<LOQ		
CBG	0.0002	2.62	26.2		
CBD	0.0002	0.32	3.2		
THCV	0.0002	0.67	6.7		
CBN	0.0001	0.66	6.6		
Δ9-THC	0.0002	76.60	766.0		
Δ8-THC	0.0002	<LOQ	<LOQ		
Δ10-THC	0.0000	2.65	26.5		
CBC	0.0002	1.07	10.7		
THCa	0.0003	<LOQ	<LOQ		
<b>Total THC</b>		<b>76.60</b>	<b>766.02</b>		
<b>Total CBD</b>		<b>0.32</b>	<b>3.20</b>		
<b>Total</b>		<b>84.59</b>	<b>845.90</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:

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

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

Blanks: &lt; 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 (&lt;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  
 04/22/2025

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