

**INTG0003-LANTZ-FCD**

 Sample ID: BIA250115S0001  
 Strain: LANTZ

 Matrix: Plant  
 Type: Flower - Cured  
 Sample Size: 9.69 g  
 Lot#:

 Produced:  
 Collected:  
 Received: 01/15/2025  
 Completed: 01/23/2025  
 Batch#:

 Client  
**Grassroots Vermont**  
 Lic. # intg0003  
 84 Lover's Lane  
 Brandon, VT 05733

**Summary**

Test	Date Tested	Result
Sample		Complete
Cannabinoids	01/17/2025	Complete
Moisture	01/16/2025	8.80% - Complete
Water Activity	01/16/2025	0.455 aw - Complete
Terpenes	01/16/2025	Complete
Microbials	01/23/2025	Complete
Pesticides	01/16/2025	Complete

**Cannabinoids**

Completed

<b>23.48%</b> Total THC	<b>0.07%</b> Total CBD	<b>27.27%</b> Total Cannabinoids
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Analyte	LOQ mg/g	Results %	Results mg/g	Mass mg/serving
CBDVa	0.0005	<LOQ	<LOQ	
CBDV	0.0012	<LOQ	<LOQ	
CBDa	0.0008	0.08	0.8	
CBGa	0.0008	0.37	3.7	
CBG	0.0019	0.08	0.8	
CBD	0.0019	<LOQ	<LOQ	
THCV	0.0021	<LOQ	<LOQ	
CBN	0.0013	<LOQ	<LOQ	
Δ9-THC	0.0020	0.26	2.6	
Δ8-THC	0.0019	<LOQ	<LOQ	
Δ10-THC	0.0002	<LOQ	<LOQ	
CBC	0.0024	<LOQ	<LOQ	
THCa	0.0034	26.48	264.8	
<b>Total THC</b>		<b>23.48</b>	<b>234.76</b>	
<b>Total CBD</b>		<b>0.07</b>	<b>0.74</b>	
<b>Total</b>		<b>27.27</b>	<b>272.70</b>	<b>0.00</b>

Analyst: 052

 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

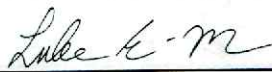
LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (&lt;LOQ).

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  
 01/23/2025

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