

GC X GS

Sample ID: BIA251107S0214
Strain: Grandpas Cookies x Grandpas
Stash:
Harvest Plant: HL-CLTV0364-0020
Type: Flower - Cured
Sample Size: 3.68 g
Lot#: HL-CLTV0364-0020

Produced:
Collected:
Received: 11/10/2025
Completed: 11/21/2025
Batch#: HL-CLTV0364-0020

Client:
Mr Tree
Lic. # CLTV0364
57 Commerce AVE
South Burlington, VT 05403



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	11/20/2025	Complete
Moisture	11/12/2025	9.10% - Complete
Water Activity	11/12/2025	0.436 aw - Complete
Terpenes	11/13/2025	Complete

Cannabinoids

Completed

18.91% Total THC					0.07% Total CBD					27.00% Total Cannabinoids				
Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving		mg/g	%	mg/g	mg/serving		mg/g	%	mg/g	mg/serving
CBDVa	0.0003	<LOQ	<LOQ		CBCVa	0.0003	<LOQ	<LOQ						
CBDV	0.0003	0.05	0.5		CBNa	0.0003	0.04	0.4						
CBDa	0.0005	0.08	0.8		Δ9-THC	0.0005	0.42	4.2						
CBGa	0.0005	1.19	11.9		Δ8-THC	0.0003	0.08	0.8						
CBG	0.0005	<LOQ	<LOQ		Δ10-THC*	0.0002	<LOQ	<LOQ						
CBD	0.0005	<LOQ	<LOQ		CBL	0.0005	<LOQ	<LOQ						
THCV	0.0003	0.07	0.7		CBC	0.0003	<LOQ	<LOQ						
CBLV	0.0003	0.05	0.5		THCa	0.0005	21.08	210.8						
CBV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.19	1.9						
THCVa	0.0003	3.74	37.4		CBLa	0.0005	<LOQ	<LOQ						
CBN	0.0005	<LOQ	<LOQ		Total THC		18.91	189.13						
					Total CBD		0.07	0.66						
					Total		27.00	270.01	0.00					

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: < 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.

*The result is the sum of delta-10 isomers.




Luke Emerson-Mason
 Laboratory Director
 11/21/2025

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