

Blood Orange

Sample ID: BIA250212S0010
 Strain: Gummy
 Matrix: Ingestible
 Type: Soft Chew
 Sample Size: 3.829 g
 Lot#:

Produced: Collected:
 Received: 02/12/2025
 Completed: 02/17/2025
 Batch#: MANU0017-00125

Client
Altitude Drops
 Lic. # MANU0017
 1723 Evansville Rd
 Brownington, VT 05860



Summary

Test	Date Tested	Result
Sample	02/14/2025	Complete
Cannabinoids		Complete

Cannabinoids

Completed

4.92 mg/serving
 Total THC

0.39 mg/serving
 Total CBD

5.52 mg/serving
 Total Cannabinoids

Analyte	LOQ	Results	Results	Mass	Mass
	%	%	mg/g	mg/serving	mg/container
CBDVa	0.0001	<LOQ	<LOQ	<LOQ	
CBDV	0.0001	<LOQ	<LOQ	<LOQ	
CBDa	0.0001	0.01	0.1	0.20	
CBGa	0.0001	<LOQ	<LOQ	<LOQ	
CBG	0.0002	<LOQ	<LOQ	<LOQ	
CBD	0.0002	0.01	0.1	0.21	
THCV	0.0002	<LOQ	<LOQ	<LOQ	
CBN	0.0001	<LOQ	<LOQ	<LOQ	
Δ9-THC	0.0002	0.11	1.1	4.19	
Δ8-THC	0.0002	<LOQ	<LOQ	<LOQ	
Δ10-THC	0.0000	<LOQ	<LOQ	<LOQ	
CBC	0.0002	0.00	0.0	0.09	
THCa	0.0003	0.02	0.2	0.83	
Total THC		0.13	1.29	4.92	
Total CBD		0.01	0.10	0.39	
Total		0.14	1.44	5.52	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
 02/17/2025

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