![Bia Diagnostics Laboratories logo]

Bia Diagnostics
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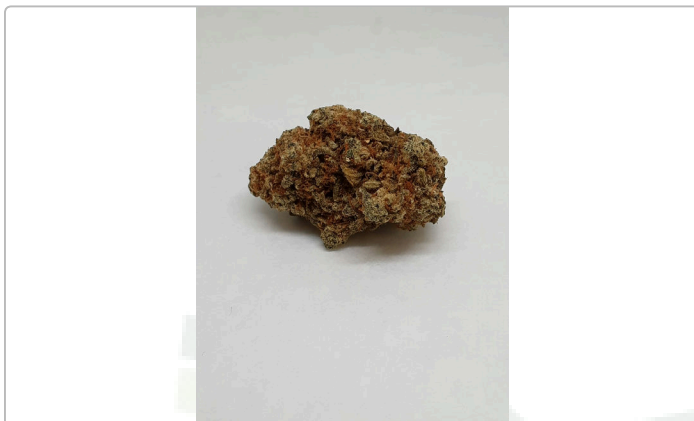https://www.biadiagnostics.com/
Lic# TLAB0029

Mango Smile

Sample ID: BIA250426S0001
Strain: Mango Smile

Matrix: Plant
Type: Flower - Cured
Sample Size: 2.77 g
Lot#:

Produced:
Collected:
Received: 06/26/2025
Completed: 07/03/2025
Batch#:

Client
Green Mountain Gold Farm
Lic. #
Taplin Hill
Corinth, VT 05039

Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	07/01/2025	Complete
Moisture	07/01/2025	11.50% - Complete
Water Activity	07/01/2025	0.573 aw - Complete

Cannabinoids
Completed

24.96% Total THC	**0.09%** Total CBD	**29.24%** Total Cannabinoids

Analyte	LOQ mg/g	Results %	Results mg/g	Mass mg/serving	Analyte	LOQ mg/g	Results %	Results mg/g	Mass mg/serving
CBDVa	0.0003	<LOQ	<LOQ		CBCVa	0.0003	<LOQ	<LOQ	
CBDV	0.0003	<LOQ	<LOQ		CBNa	0.0003	<LOQ	<LOQ	
CBDa	0.0005	0.10	1.0		Δ9-THC	0.0005	3.11	31.1	
CBGa	0.0005	0.68	6.8		Δ8-THC	0.0003	<LOQ	<LOQ	
CBG	0.0005	<LOQ	<LOQ		Δ10-THC*	0.0002	<LOQ	<LOQ	
CBD	0.0005	<LOQ	<LOQ		CBL	0.0005	<LOQ	<LOQ	
THCV	0.0003	<LOQ	<LOQ		CBC	0.0003	<LOQ	<LOQ	
CBLV	0.0003	0.10	1.0		THCa	0.0005	24.92	249.2	
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.21	2.1	
THCVa	0.0003	0.14	1.4		CBLa	0.0005	<LOQ	<LOQ	
CBN	0.0005	<LOQ	<LOQ		**Total THC**		24.96	249.60	
					Total CBD		0.09	0.88	
					Total		29.24	292.44	0.00

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:
TotalTHC=(THCAx0.877)+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.
*The result is the sum of delta-10 isomers.

![QR code]

Luke E-m

Luke Emerson-Mason
Laboratory Director
07/03/2025