LightLab 3
HS Cannabis Analyzer

Certificate of Analysis

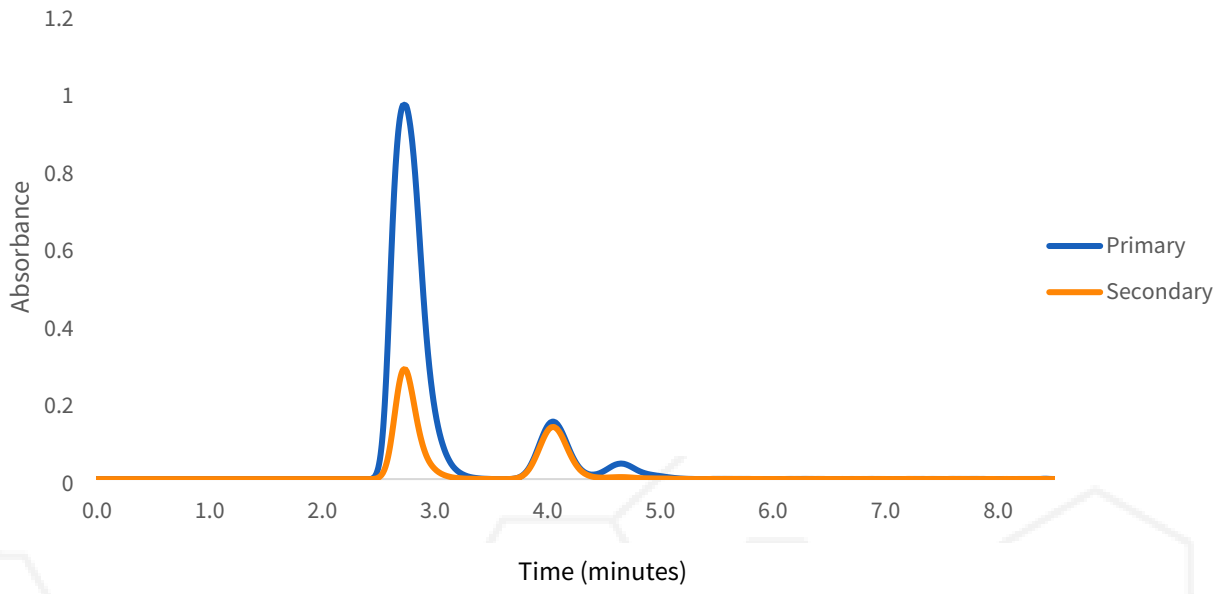
Date:	2026-10-13 15:55:00 -04:00	Cultivar:	
Serial:	LL030645	Moisture:	0.0%
LightLab	BW-LABS	Col Tests Remaining:	24
Operator:	Jonathan	CoA Revision:	0
Sample ID:		Calibration Exp:	2027-03-21
Method:	LightLab HPLC	Product:	CBD FULL SPECTRUM INFUSED GUM Mango
Test Type:	Gummy- Advanced Hemp Derived		
Weight / Volume:	4.5 g	Batch:	CFS2186M
Solvent:	40 ml		
Temperature:	26.1 °C		
Notes:			

Cannabinoid Profile

Analyte	Per 4.500 g Serving (mg)	Per 1.0 Pieces(mg)	%	LOQ
Δ9-THC	ND	ND	ND	0.040
CBD-A	ND	ND	ND	0.040
CBG-A	ND	ND	ND	0.040
CBD/CBG	50.0	50.0	1.1	0.013
CBN	2.2	2.2	0.048	0.040
CBC	ND	ND	ND	0.040
Δ8-THC*	ND	ND	ND	0.040
Δ10-THC	ND	ND	ND	0.040
THCV	ND	ND	ND	0.040
Δ9-THC-O	ND	ND	ND	0.040
Δ8-THC-O	ND	ND	ND	0.040
HHC	ND	ND	ND	0.040
Δ9-THCP	ND	ND	ND	0.040
Terpenes			ND	
Total THC	**ND**	**ND**	**ND**	
Total Cannabinoids	**52.2**	**52.2**	**1.2**	

ND = Not Detected; n/a = Not Analyzed; LOQ = Limit of Quantification; Total THC = (0.877 x THC-A) + Δ9-THC; Total CBD = (0.877 x CBD-A) + CBD. * Δ8THC has lower precision and higher detection limit than other cannabinoids.

Chromatogram



Sample Images

Change History

Date	User	Action
2026-10-05 15:55:00 -04:00		Test Recorded
2026-10-13 16:15:05 -04:00		Added an image
2026-10-13 08:09:35 -04:00		Generated a CoA (revision 0)

Scan for Authenticity

Jonathan Diaz

Approved

10/13/2026

Date

The signatory confirms that the Operator has performed the sample preparation according to the LightLab User's Guide. This report is for quality assurance purposes only. These results relate only to the sample included on this report. Orange Photonics makes no claims as to the efficacy, safety, or risks associated with any detected or non-detected level of any compounds reported herein. Orange Photonics makes no claims regarding the adherence to sample preparation guidelines, by the operator, as outlined in the LightLab User’s Guide.