LightLab 3
HS Cannabis Analyzer

Certificate of Analysis

Date:	2026-10-21 09:29:11 -07:00	**Serial:**	LL030612
LightLab:	HX Labs	**Method:**	LightLab HPLC
Test Type:	Tinctures (%weight)	**Weight / Volume:**	0.508 g
Solvent:	20 ml	**Temperature:**	23.8 °C
Moisture:	0.0%	**Col Tests Remaining:**	19
CoA Revision:	0	**Product:**	Lip Balm
Calibration Exp:	2027-03-26		

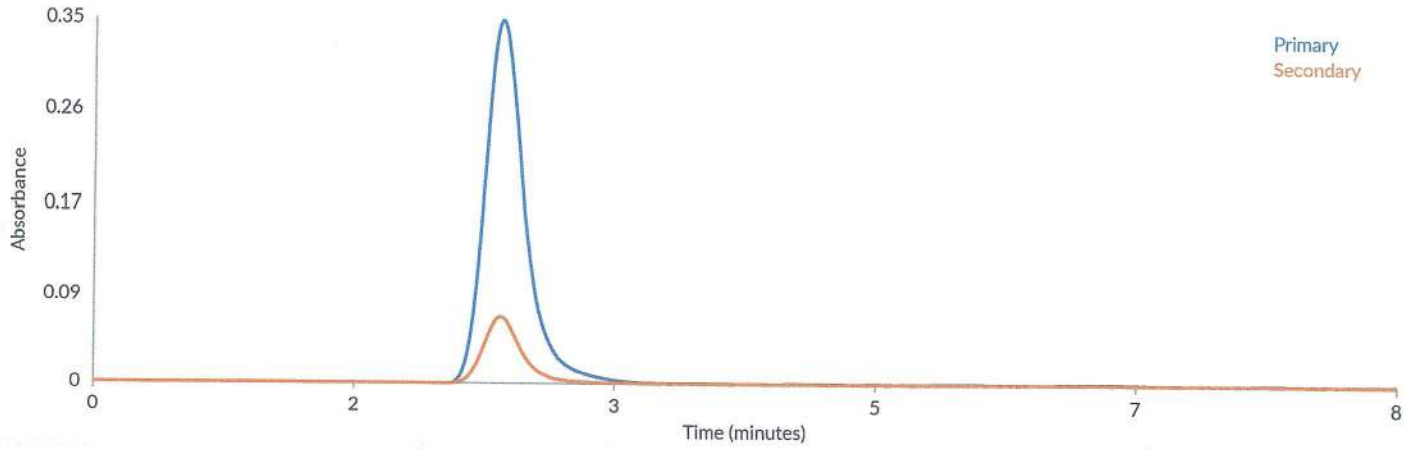
Notes:

Cannabinoid Profile

Analyte	Per 1 g Serving (mg)	Per 1 Pieces(mg)	Result (%)	LOQ
THC-A	ND	ND	ND	0.20
Δ9-THC	ND	ND	ND	0.20
CBD-A	ND	ND	ND	0.20
CBG-A	ND	ND	ND	0.20
CBD/CBG	44.6	44.6	4.5	0.20
CBN-A	ND	ND	ND	0.20
CBN	ND	ND	ND	0.20
CBC-A	ND	ND	ND	0.20
CBC	ND	ND	ND	0.20
Δ8-THC*	ND	ND	ND	1.6
Δ10-THC	ND	ND	ND	0.20
THCV-A	ND	ND	ND	0.20
THCV	ND	ND	ND	0.20
Terpenes	ND	ND	ND	
Total THC	**ND**	**ND**	**ND**	
Total Cannabinoids	**44.6**	**44.6**	**4.5**	

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



Change History

Date	User	Action
2026-10-21 09:44:28 -07:00		Generated a CoA (revision 0)
2026-10-21 09:29:11 -07:00		Test Recorded

10-21-26

Approved

Date

Scan for Authenticity

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.