LightLab 3
HS Cannabis Analyzer

Certificate of Analysis

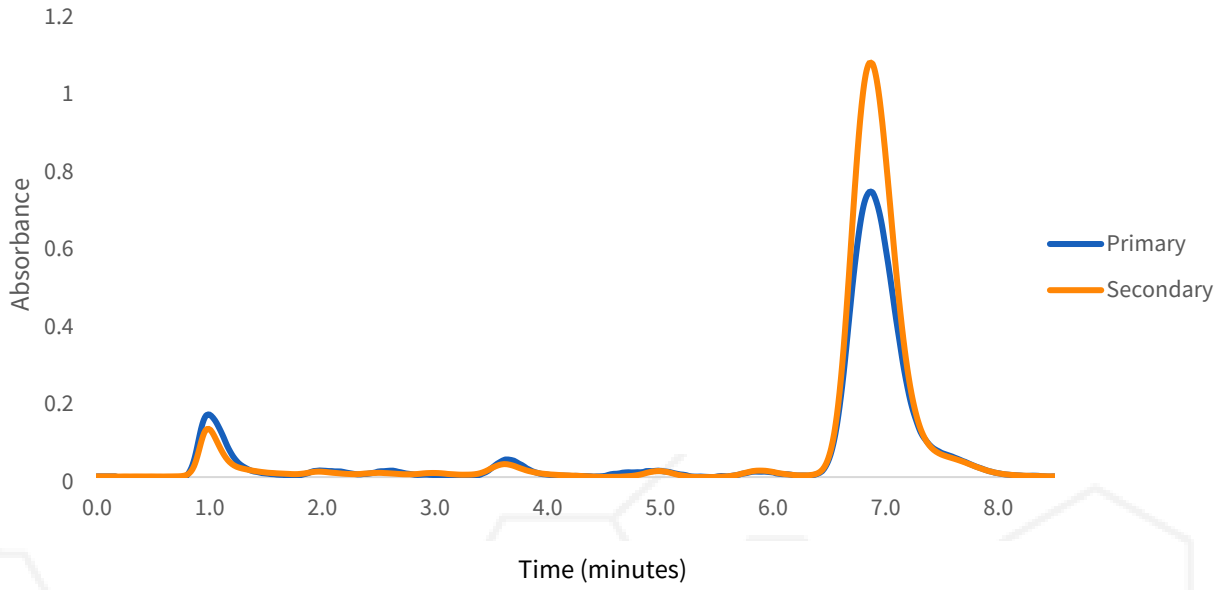
Date:	2026-04-27 15:17:38 -04:00	Cultivar:	Blackberry Truffle
Serial:	LL030520	Moisture:	11.2%
LightLab	PureRoots Botanicals, LLC	Col Tests	21
Operator:	Sergio R	Remaining:	
Sample ID:	Blackberry Truffle organic THCa flower 4/27/26	CoA Revision:	0
		Calibration Exp:	2026-09-12
Method:	LightLab HPLC	Product:	
Test Type:	THCA Flower	SKU:	
Weight / Volume:	0.4 g	Batch:	PRBT006
Solvent:	20 ml		
Temperature:	28.5 °C		
Notes:			

Cannabinoid Profile

Analyte	%	LOQ
THC-A	26.1	0.28
Δ9-THC	ND	0.22
CBD-A	ND	0.84
CBG-A	ND	0.84
CBD/CBG	0.31	0.28
CBN	ND	0.84
CBC-A	1.0	0.28
CBC	ND	0.84
Δ8-THC*	ND	2.2
Δ10-THC	ND	0.84
THCV-A	ND	0.84
THCV	ND	0.84
Δ9-THC-O	ND	0.84
Δ8-THC-O	ND	0.84
HHC	ND	0.84
Δ9-THCP	ND	0.84
Terpenes	Low	
Total THC	**22.9**	
Total Cannabinoids	**27.4**	

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
2026-04-27 15:17:38 -04:00		Test Recorded
2026-04-28 09:52:33 -04:00		Generated a CoA (revision 0)

4/28/2026

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.