

12025 NE Marx St. Portland, OR 97220 503-253-3511 / www.greenleaflabs.com License#: 10029074C70

Gelato THCA Live Resin

Sample ID: G3L0149-09

Matrix: Hemp Extracts & Concentrates

Test ID: 5022988

Source ID:

Date Sampled: 12/11/23

Date Accepted: 12/11/23

Grateful Company

Sales@wearealiveandwell.com

Results at a Glance

Total CBD: 0.9877 %





Eric Wendt Chief Science Officer - 12/13/2023



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Potency Analysis

Analysis Method/SOP: 215 Batch Identification: 2350017 Date/Time Extracted: 12/12/23 10:44 **Cannabinoids Profile** Cannabinoids % by Wt. LOQ (%) mg/g Total CBD 0.0431 0.9877 9.877 THCA 0.0005 75.19 751.9 1.0 delta 9-THC < LOQ 0.0005 < LOQ delta 8-THC 0.0934 < LOQ < LOQ THCV 0.1052 < LOQ < LOQ **THCVA** 0.0392 < LOQ < LOQ CBD 0.0005 0.9877 9.877 0.0005 < LOQ < LOQ **CBDA CBDV** 0.1040 < LOQ < LOQ THCA 75.2 **CBDVA** 0.0341 < LOQ < LOQ CBD 1.0 76.2 Total: **CBN** 0.0622 < LOQ < LOQ CBG 0.0164 < LOQ < LOQ < LOQ < LOQ CBGA 0.0164 CBC 0.0186 < LOQ < LOQ 75.2 76.18 761.8 **Total Cannabinoids**

Total THC = delta 9-THC + (THCA * 0.877)

Total CBD = CBD + (CBDA * 0.877)

Total CBG = CBG + (CBGA * 0.878)

 $\label{lowest} \mbox{LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.}$

THCA, delta 9-THC, delta 8-THC, CBDA and CBD are accredited by TNI 2016 and ISO 17025





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Quality Control Potency

Batch: 2350017 - 215-Concentrates

Blank(2350017-BLK1)								
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes	
THCA	< LOQ	0.0005	%		12/12/23 10:44	12/12/23 17:30		
delta 9-THC	< LOQ	0.0005	%		12/12/23 10:44	12/12/23 17:30		
delta 8-THC	< LOQ	0.0934	%		12/12/23 10:44	12/12/23 17:30		
THCV	< LOQ	0.1052	%		12/12/23 10:44	12/12/23 17:30		
THCVA	< LOQ	0.0392	%		12/12/23 10:44	12/12/23 17:30		
CBD	< LOQ	0.0005	%		12/12/23 10:44	12/12/23 17:30		
CBDA	< LOQ	0.0005	%		12/12/23 10:44	12/12/23 17:30		
CBDV	< LOQ	0.1040	%		12/12/23 10:44	12/12/23 17:30		
CBDVA	< LOQ	0.0341	%		12/12/23 10:44	12/12/23 17:30		
CBN	< LOQ	0.0622	%		12/12/23 10:44	12/12/23 17:30		
CBG	< LOQ	0.0164	%		12/12/23 10:44	12/12/23 17:30		
CBGA	< LOQ	0.0164	%		12/12/23 10:44	12/12/23 17:30		
CBC	< LOQ	0.0186	%		12/12/23 10:44	12/12/23 17:30		

Reference(2350017-SRM1)								
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes	
THCA	94.0	0.0002	%	90-110	12/12/23 10:44	12/12/23 17:53		
delta 9-THC	105	0.0002	%	90-110	12/12/23 10:44	12/12/23 17:53		
delta 8-THC	96.4	0.0452	%	90-110	12/12/23 10:44	12/12/23 17:53		
CBD	99.4	0.0002	%	90-110	12/12/23 10:44	12/12/23 17:53		
CBDA	94.5	0.0002	%	90-110	12/12/23 10:44	12/12/23 17:53		







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Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to SOP-402 and SOP-403 and following Sampling Plan FN117. Quality Control samples were tested as received.

Results do not include uncertainty of measurements. Available upon request.

ATM	Non-cannabis	matrix related	interference	or suppression	on of Inte	ernal standard

BLI Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery .

BLK Analyte detected in method blank, but not associated samples.

BSH Blank Spike High - Blank Spike recovery above method limit. no detections in samples.

BSL Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed

C manually for all samples.

CBD Interference due to co-elution

CV1 CBD matrix interference on GC Pest chromatography

CV2 CCV was above acceptance criteria, Non-detect samples are considered acceptable.

INF CCV was below acceptance criteria, sample still exceeds regulatory limit.

ISH One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.

ISL Internal Standard concentration is above acceptance criteria.

MSH Internal Standard concentration is below acceptance criteria.

MSI Matrix Spike High - Matrix Spike recovery above method limits.

MSL Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting

TPP recovery accuracy in Matrix Spike.

U Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.

Internal Standard concentration outside control limit due to matrix interference



