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Runtz THCA Live Resin

Sample ID: G3L0149-11

Matrix: Hemp Extracts & Concentrates

Test ID: 5022990 Source ID:

Date Sampled: 12/11/23

Date Accepted: 12/11/23

Grateful Company

Sales@wearealiveandwell.com

Results at a Glance

Total CBD: 12.94 %





Eric Wendt Chief Science Officer - 12/13/2023



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Potency Analysis Date/Time Extracted: 12/12/23 10:44 Analysis Method/SOP: 215 Batch Identification: 2350017

Date/Time Extracted. 12/12/23 10.44				Analysis Method/50P. 215 Batch Identification. 255001
Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total CBD	0.0431	12.94	129.4	
THCA	0.0005	67.04	670.4	12.9
delta 9-THC	0.0005	< LOQ	< LOQ	
delta 8-THC	0.0934	< LOQ	< LOQ	
THCV	0.1052	< LOQ	< LOQ	
THCVA	0.0392	< LOQ	< LOQ	
CBD	0.0005	12.94	129.4	
CBDA	0.0005	< LOQ	< LOQ	
CBDV	0.1040	< LOQ	< LOQ	
CBDVA	0.0341	< LOQ	< LOQ	■ THCA 67.0 ■ CBD 12.9
CBN	0.0622	< LOQ	< LOQ	Total: 80.0
CBG	0.0164	< LOQ	< LOQ	
CBGA	0.0164	< LOQ	< LOQ	
CBC	0.0186	< LOQ	< LOQ	
Total Canna	abinoids	79.98	799.8	67.0

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

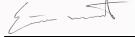
Total CBD = CBD + (CBDA * 0.877)

Total CBG = CBG + (CBGA * 0.878)

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





Eric Wendt
Chief Science Officer - 13

Chief Science Officer - 12/13/2023



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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-cannal	bis matrix	related	interfer	ence o	r suppr	ession of	Internal	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



