

## **Quality Control Testing Official Report**

### **Strawberry Cough THCA Live Resin**

Sample ID: G3L0149-14 Test ID: 5022993 Source ID:

Date Sampled: 12/11/23

Matrix: Hemp Extracts & Concentrates

Date Accepted: 12/11/23

#### Grateful Company

Sales@wearealiveandwell.com

**Results at a Glance** 

Total CBD: 8.510 %



Eric Wendt Chief Science Officer - 12/13/2023

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Date/Time Extra	cted: 12/12	/23 10:44		Analysis Method/SOP: 215 Batch Identification: 2350017
Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total CBD	0.0431	8.510	85.1	
THCA	0.0005	71.42	714.2	0.2
delta 9-THC	0.0005	0.2729	2.729	
delta 8-THC	0.0934	< LOQ	< LOQ	
THCV	0.1052	< LOQ	< LOQ	
THCVA	0.0392	< LOQ	< LOQ	
CBD	0.0005	8.510	85.1	
CBDA	0.0005	< LOQ	< LOQ	
CBDV	0.1040	< LOQ	< LOQ	
CBDVA	0.0341	< LOQ	< LOQ	THCA 71 delta 9-THC 0
CBN	0.0622	< LOQ	< LOQ	CBD 8 Total: 80
CBG	0.0164	< LOQ	< LOQ	
CBGA	0.0164	< LOQ	< LOQ	
СВС	0.0186	< LOQ	< LOQ	
Total Cannabinoids 80.70		807	71.4	

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



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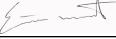
# Quality Control Potency

#### 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 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





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