



# Green Leaf Lab®

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## Quality Control Testing Official Report

### 1000mg Isolate CBD Tincture

Sample ID: G2C0243-02

Matrix: Hemp Products

Test ID: 5026023

Source ID:

Date Sampled: 03/12/22

Date Accepted: 03/12/22

Batch Lot ID: 3B02



**High Tide Holistics Inc.**  
sales@hightideholistics.com

### Results at a Glance

Total THC : <LOQ (0.0015%) %

Total CBD : 3.374 %



Eric Wendt  
Chief Science Officer - 3/17/2022



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High Tide Holistics Inc.  
sales@hightideholistics.com

### Potency Analysis

Date/Time Extracted: 03/14/22 10:35

Analysis Method/SOP: 215

Batch Identification: 2212004

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile
Total THC	0.0015	< LOQ	
Total CBD	0.0015	33.74	
THCA	0.0015	< LOQ	
delta 9-THC	0.0015	< LOQ	
delta 8-THC	0.0581	< LOQ	
THCV	0.0453	< LOQ	
THCVA	0.0679	< LOQ	
CBD	0.0015	33.74	
CBDA	0.0015	< LOQ	
CBDV	0.0467	< LOQ	
CBDVA	0.0641	< LOQ	
CBN	0.0419	< LOQ	
CBG	0.0487	< LOQ	
CBGA	0.0646	< LOQ	
CBC	0.0611	< LOQ	

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.



ISO 17025  
ACCREDITED  
LABORATORY

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### Quality Control Potency

Batch: 2212004 - 215-Products

Blank(2212004-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0005	%		03/14/22 10:35	03/14/22 17:37	
delta 9-THC	< LOQ	0.0005	%		03/14/22 10:35	03/14/22 17:37	
delta 8-THC	< LOQ	0.0192	%		03/14/22 10:35	03/14/22 17:37	
THCV	< LOQ	0.0150	%		03/14/22 10:35	03/14/22 17:37	
THCVA	< LOQ	0.0224	%		03/14/22 10:35	03/14/22 17:37	
CBD	< LOQ	0.0005	%		03/14/22 10:35	03/14/22 17:37	
CBDA	< LOQ	0.0005	%		03/14/22 10:35	03/14/22 17:37	
CBDV	< LOQ	0.0154	%		03/14/22 10:35	03/14/22 17:37	
CBDVA	< LOQ	0.0212	%		03/14/22 10:35	03/14/22 17:37	
CBN	< LOQ	0.0138	%		03/14/22 10:35	03/14/22 17:37	
CBG	< LOQ	0.0161	%		03/14/22 10:35	03/14/22 17:37	
CBGA	< LOQ	0.0213	%		03/14/22 10:35	03/14/22 17:37	
CBC	< LOQ	0.0202	%		03/14/22 10:35	03/14/22 17:37	

Reference(2212004-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
delta 9-THC	102	0.0005	%	80-120	03/14/22 10:35	03/14/22 18:00	
CBD	100	0.0005	%	80-120	03/14/22 10:35	03/14/22 18:00	



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### Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to ORELAP-SOP-001 and ORELAP-SOP-002 and following Sampling Plan FN117.  
Quality Control samples were tested as received.

- 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 manually for all samples.
  - C Interference due to co-elution
  - 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 recovery accuracy in Matrix Spike.
  - TPP
  - 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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