



Green Leaf Lab®

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Quality Control Testing Official Report

Delta 8 THC 1000mg/CBD 1000mg 1:1 Blend Tincture

Sample ID: G1B0284-03

Matrix: Hemp Products

Test ID: 5013241

Source ID:

Date Sampled: 02/16/21

Date Accepted: 02/16/21



High Tide Holistics Inc.

Results at a Glance

Total THC : <LOQ (0.1232%) %

Total CBD : 3.541 %

delta 8-THC : 3.641 % PASS

Residual Solvent Analysis : PASS



Brittany Wiemer

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Quality Officer - 2/18/2021

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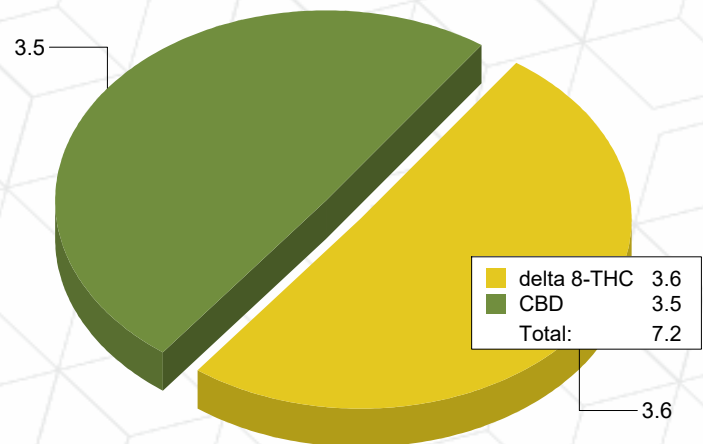
Potency Analysis

Date/Time Extracted: 02/17/21 12:53

Analysis Method/SOP: 215

Batch Identification: 2108022

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile
Total THC	0.1232	< LOQ	
Total CBD	0.1284	35.41	
THCA	0.1778	< LOQ	
delta 9-THC	0.1232	< LOQ	
delta 8-THC	0.1548	36.41	
THCV	0.1208	< LOQ	
THCVA	0.1808	< LOQ	
CBD	0.1284	35.41	
CBDA	0.1771	< LOQ	
CBDV	0.1243	< LOQ	
CBDVA	0.1707	< LOQ	
CBN	0.1116	< LOQ	
CBG	0.1299	< LOQ	
CBGA	0.1721	< LOQ	
CBC	0.1629	< 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.



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LABORATORY

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Residual Solvents

Date/Time Extracted: 02/17/21 11:47

Analysis Method/SOP: 205

Analyte	Result	Action Level	LOD	LOQ	Units
1,4-Dioxane	< LOQ	380		50.00	ppm
2-Butanol	< LOQ	5000		1000	ppm
2-Ethoxyethanol	< LOQ	160		80.00	ppm
2-Propanol (IPA)	< LOQ	5000		1000	ppm
Acetone	< LOQ	5000		1000	ppm
Acetonitrile	< LOQ	410		50.00	ppm
Benzene	< LOQ	2		1.000	ppm
Butanes	< LOQ	5000		1000	ppm
Cumene	< LOQ	70		35.00	ppm
Cyclohexane	< LOQ	3880		50.00	ppm
Dichloromethane	< LOQ	600		50.00	ppm
Ethyl acetate	< LOQ	5000		1000	ppm
Ethyl benzene	< LOQ	2170		35.00	ppm
Ethyl ether	< LOQ	5000		1000	ppm
Ethylene glycol	< LOQ	620		310.0	ppm
Ethylene oxide	< LOQ	50		25.00	ppm
Heptane	< LOQ	5000		1000	ppm
Hexanes	< LOQ	290		50.00	ppm
Isopropyl acetate	< LOQ	5000		1000	ppm
Methanol	< LOQ	3000		1000	ppm
Pentanes	< LOQ	5000		1000	ppm
Propane	< LOQ	5000		1000	ppm
Tetrahydrofuran	< LOQ	720		50.00	ppm
Toluene	< LOQ	890		50.00	ppm
Xylenes	< LOQ	2170		50.00	ppm

<LOQ - Results below the Limit of Quantitation

Results above the Action Level fail state testing requirements and will be highlighted **Red**.



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Quality Control Potency

Batch: 2108022 - 215-Products

Blank(2108022-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.0221	%		02/17/21 12:53	02/18/21 04:56
delta 9-THC	< LOQ	0.0153	%		02/17/21 12:53	02/18/21 04:56
THCV	< LOQ	0.0150	%		02/17/21 12:53	02/18/21 04:56
THCVA	< LOQ	0.0224	%		02/17/21 12:53	02/18/21 04:56
CBD	< LOQ	0.0159	%		02/17/21 12:53	02/18/21 04:56
CBDA	< LOQ	0.0220	%		02/17/21 12:53	02/18/21 04:56
CBDV	< LOQ	0.0154	%		02/17/21 12:53	02/18/21 04:56
CBDVA	< LOQ	0.0212	%		02/17/21 12:53	02/18/21 04:56
CBN	< LOQ	0.0138	%		02/17/21 12:53	02/18/21 04:56
CBG	< LOQ	0.0161	%		02/17/21 12:53	02/18/21 04:56
CBGA	< LOQ	0.0213	%		02/17/21 12:53	02/18/21 04:56
CBC	< LOQ	0.0202	%		02/17/21 12:53	02/18/21 04:56

Reference(2108022-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
delta 9-THC	101	0.0153	%	80-120	02/17/21 12:53	02/18/21 05:19
CBD	101	0.0159	%	80-120	02/17/21 12:53	02/18/21 05:19

Solvent Analysis

Batch: 2108021 - 205

Blank(2108021-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		02/17/21 11:47	02/18/21 11:40
Acetonitrile	< LOQ	50.00	ppm		02/17/21 11:47	02/18/21 11:40
Benzene	< LOQ	1.000	ppm		02/17/21 11:47	02/18/21 11:40
Butanes	< LOQ	1000	ppm		02/17/21 11:47	02/18/21 11:40
2-Butanol	< LOQ	1000	ppm		02/17/21 11:47	02/18/21 11:40
Cumene	< LOQ	35.00	ppm		02/17/21 11:47	02/18/21 11:40
Cyclohexane	< LOQ	50.00	ppm		02/17/21 11:47	02/18/21 11:40
Dichloromethane	< LOQ	50.00	ppm		02/17/21 11:47	02/18/21 11:40
1,4-Dioxane	< LOQ	50.00	ppm		02/17/21 11:47	02/18/21 11:40
2-Ethoxyethanol	< LOQ	80.00	ppm		02/17/21 11:47	02/18/21 11:40
Ethyl acetate	< LOQ	1000	ppm		02/17/21 11:47	02/18/21 11:40
Ethyl benzene	< LOQ	35.00	ppm		02/17/21 11:47	02/18/21 11:40
Ethylene glycol	< LOQ	310.0	ppm		02/17/21 11:47	02/18/21 11:40
Ethylene oxide	< LOQ	25.00	ppm		02/17/21 11:47	02/18/21 11:40
Ethyl ether	< LOQ	1000	ppm		02/17/21 11:47	02/18/21 11:40
Heptane	< LOQ	1000	ppm		02/17/21 11:47	02/18/21 11:40
Hexanes	< LOQ	50.00	ppm		02/17/21 11:47	02/18/21 11:40



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Quality Control Solvent Analysis (Continued)

Batch: 2108021 - 205 (Continued)

Blank(2108021-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Isopropyl acetate	< LOQ	1000	ppm		02/17/21 11:47	02/18/21 11:40
Methanol	< LOQ	1000	ppm		02/17/21 11:47	02/18/21 11:40
Pentanes	< LOQ	1000	ppm		02/17/21 11:47	02/18/21 11:40
Propane	< LOQ	1000	ppm		02/17/21 11:47	02/18/21 11:40
2-Propanol (IPA)	< LOQ	1000	ppm		02/17/21 11:47	02/18/21 11:40
Tetrahydrofuran	< LOQ	50.00	ppm		02/17/21 11:47	02/18/21 11:40
Toluene	< LOQ	50.00	ppm		02/17/21 11:47	02/18/21 11:40
Xylenes	< LOQ	50.00	ppm		02/17/21 11:47	02/18/21 11:40

LCS(2108021-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	111	1000	ppm	70-130	02/17/21 11:47	02/17/21 13:44
Acetonitrile	116	50.00	ppm	70-130	02/17/21 11:47	02/17/21 13:44
Benzene	81.0	1.000	ppm	70-130	02/17/21 11:47	02/17/21 13:44
n-Butane	98.0	50.00	ppm	70-130	02/17/21 11:47	02/17/21 13:44
Butanes	96.7	1000	ppm	70-130	02/17/21 11:47	02/17/21 13:44
2-Butanol	123	1000	ppm	70-130	02/17/21 11:47	02/17/21 13:44
Cumene	141	35.00	ppm	70-130	02/17/21 11:47	02/17/21 13:44
Cyclohexane	114	50.00	ppm	70-130	02/17/21 11:47	02/17/21 13:44
Dichloromethane	116	50.00	ppm	70-130	02/17/21 11:47	02/17/21 13:44
1,4-Dioxane	136	50.00	ppm	70-130	02/17/21 11:47	02/17/21 13:44
2-Ethoxyethanol	168	80.00	ppm	70-130	02/17/21 11:47	02/17/21 13:44
Ethyl acetate	122	1000	ppm	70-130	02/17/21 11:47	02/17/21 13:44
Ethyl benzene	139	35.00	ppm	70-130	02/17/21 11:47	02/17/21 13:44
Ethylene glycol	270	310.0	ppm	70-130	02/17/21 11:47	02/17/21 13:44
Ethylene oxide	107	25.00	ppm	70-130	02/17/21 11:47	02/17/21 13:44
Ethyl ether	106	1000	ppm	70-130	02/17/21 11:47	02/17/21 13:44
Heptane	116	1000	ppm	70-130	02/17/21 11:47	02/17/21 13:44
n-Hexane	111	50.00	ppm	70-130	02/17/21 11:47	02/17/21 13:44
Hexanes	108	50.00	ppm	70-130	02/17/21 11:47	02/17/21 13:44
iso-Butane	95.5	50.00	ppm	70-130	02/17/21 11:47	02/17/21 13:44
Isopropyl acetate	118	1000	ppm	70-130	02/17/21 11:47	02/17/21 13:44
iso-Pentane	104	50.00	ppm	70-130	02/17/21 11:47	02/17/21 13:44
Methanol	106	1000	ppm	70-130	02/17/21 11:47	02/17/21 13:44
2-Methylpentane	111	50.00	ppm	70-130	02/17/21 11:47	02/17/21 13:44
3-Methylpentane	109	50.00	ppm	70-130	02/17/21 11:47	02/17/21 13:44
neo-Pentane	95.9	50.00	ppm	70-130	02/17/21 11:47	02/17/21 13:44
n-Pentane	103	50.00	ppm	70-130	02/17/21 11:47	02/17/21 13:44
Pentanes	101	1000	ppm	70-130	02/17/21 11:47	02/17/21 13:44



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Quality Control Solvent Analysis (Continued)

Batch: 2108021 - 205 (Continued)

LCS(2108021-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Propane	85.1	1000	ppm	70-130	02/17/21 11:47	02/17/21 13:44
2-Propanol (IPA)	111	1000	ppm	70-130	02/17/21 11:47	02/17/21 13:44
Tetrahydrofuran	124	50.00	ppm	70-130	02/17/21 11:47	02/17/21 13:44
Toluene	130	50.00	ppm	70-130	02/17/21 11:47	02/17/21 13:44



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