



Green Leaf Lab®

12025 NE Marx St. Portland, OR 97220
503-253-3511 / www.greenleaflabs.com
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Quality Control Testing Official Report

50/50 Blend 1000mg CBD/1000mg CBG Tincture

Sample ID: G1B0480-01

Matrix: Hemp Products

Test ID: 5015218

Source ID:

Date Sampled: 02/25/21

Date Accepted: 02/25/21

Harvest/Prod. Date: 2/22/2021



High Tide Holistics Inc.

Results at a Glance

Total THC : <LOQ (0.0603%) %

Total CBD : 2.938 %

Total CBG : 3.064 %

Residual Solvent Analysis : PASS



Russell Kuhfeld

Russell Kuhfeld
Quality Officer - 3/1/2021

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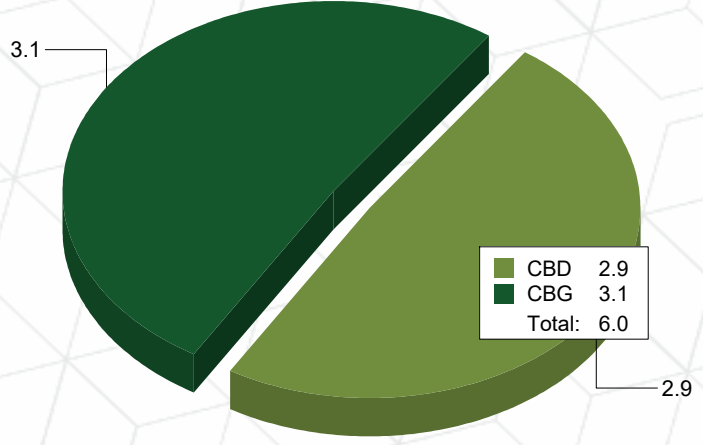
Potency Analysis

Date/Time Extracted: 02/26/21 08:24

Analysis Method/SOP: 215

Batch Identification: 2109040

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile
Total THC	0.0603	< LOQ	
Total CBD	0.0629	29.38	
Total CBG	0.0547	30.64	
THCA	0.0871	< LOQ	
delta 9-THC	0.0603	< LOQ	
THCV	0.0592	< LOQ	
THCVA	0.0886	< LOQ	
CBD	0.0629	29.38	
CBDA	0.0867	< LOQ	
CBDV	0.0609	< LOQ	
CBDVA	0.0836	< LOQ	
CBN	0.0547	< LOQ	
CBG	0.0636	30.64	
CBGA	0.0843	< LOQ	
CBC	0.0798	< 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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High Tide Holistics Inc.

Residual Solvents

Date/Time Extracted: 02/26/21 09:29

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: 2109040 - 215-Products

Blank(2109040-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.0221	%		02/26/21 08:24	02/27/21 17:55
delta 9-THC	< LOQ	0.0153	%		02/26/21 08:24	02/27/21 17:55
THCV	< LOQ	0.0150	%		02/26/21 08:24	02/27/21 17:55
THCVA	< LOQ	0.0224	%		02/26/21 08:24	02/27/21 17:55
CBD	< LOQ	0.0159	%		02/26/21 08:24	02/27/21 17:55
CBDA	< LOQ	0.0220	%		02/26/21 08:24	02/27/21 17:55
CBDV	< LOQ	0.0154	%		02/26/21 08:24	02/27/21 17:55
CBDVA	< LOQ	0.0212	%		02/26/21 08:24	02/27/21 17:55
CBN	< LOQ	0.0138	%		02/26/21 08:24	02/27/21 17:55
CBG	< LOQ	0.0161	%		02/26/21 08:24	02/27/21 17:55
CBGA	< LOQ	0.0213	%		02/26/21 08:24	02/27/21 17:55
CBC	< LOQ	0.0202	%		02/26/21 08:24	02/27/21 17:55

Reference(2109040-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
delta 9-THC	101	0.0153	%	80-120	02/26/21 08:24	02/27/21 17:55
CBD	101	0.0159	%	80-120	02/26/21 08:24	02/27/21 17:55

Solvent Analysis

Batch: 2109046 - 205

Blank(2109046-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	< LOQ	1000	ppm		02/26/21 09:29	02/26/21 21:49
Acetonitrile	< LOQ	50.00	ppm		02/26/21 09:29	02/26/21 21:49
Benzene	< LOQ	1.000	ppm		02/26/21 09:29	02/26/21 21:49
Butanes	< LOQ	1000	ppm		02/26/21 09:29	02/26/21 21:49
2-Butanol	< LOQ	1000	ppm		02/26/21 09:29	02/26/21 21:49
Cumene	< LOQ	35.00	ppm		02/26/21 09:29	02/26/21 21:49
Cyclohexane	< LOQ	50.00	ppm		02/26/21 09:29	02/26/21 21:49
Dichloromethane	< LOQ	50.00	ppm		02/26/21 09:29	02/26/21 21:49
1,4-Dioxane	< LOQ	50.00	ppm		02/26/21 09:29	02/26/21 21:49
2-Ethoxyethanol	< LOQ	80.00	ppm		02/26/21 09:29	02/26/21 21:49
Ethyl acetate	< LOQ	1000	ppm		02/26/21 09:29	02/26/21 21:49
Ethyl benzene	< LOQ	35.00	ppm		02/26/21 09:29	02/26/21 21:49
Ethylene glycol	< LOQ	310.0	ppm		02/26/21 09:29	02/26/21 21:49
Ethylene oxide	< LOQ	25.00	ppm		02/26/21 09:29	02/26/21 21:49
Ethyl ether	< LOQ	1000	ppm		02/26/21 09:29	02/26/21 21:49
Heptane	< LOQ	1000	ppm		02/26/21 09:29	02/26/21 21:49
Hexanes	< LOQ	50.00	ppm		02/26/21 09:29	02/26/21 21:49



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Quality Control Solvent Analysis (Continued)

Batch: 2109046 - 205 (Continued)

Blank(2109046-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Isopropyl acetate	< LOQ	1000	ppm		02/26/21 09:29	02/26/21 21:49
Methanol	< LOQ	1000	ppm		02/26/21 09:29	02/26/21 21:49
Pentanes	< LOQ	1000	ppm		02/26/21 09:29	02/26/21 21:49
Propane	< LOQ	1000	ppm		02/26/21 09:29	02/26/21 21:49
2-Propanol (IPA)	< LOQ	1000	ppm		02/26/21 09:29	02/26/21 21:49
Tetrahydrofuran	< LOQ	50.00	ppm		02/26/21 09:29	02/26/21 21:49
Toluene	< LOQ	50.00	ppm		02/26/21 09:29	02/26/21 21:49
Xylenes	< LOQ	50.00	ppm		02/26/21 09:29	02/26/21 21:49

LCS(2109046-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Acetone	105	1000	ppm	70-130	02/26/21 09:29	02/26/21 18:48
Acetonitrile	103	50.00	ppm	70-130	02/26/21 09:29	02/26/21 18:48
Benzene	70.5	1.000	ppm	70-130	02/26/21 09:29	02/26/21 18:48
n-Butane	81.1	50.00	ppm	70-130	02/26/21 09:29	02/26/21 18:48
Butanes	78.6	1000	ppm	70-130	02/26/21 09:29	02/26/21 18:48
2-Butanol	93.4	1000	ppm	70-130	02/26/21 09:29	02/26/21 18:48
Cumene	93.1	35.00	ppm	70-130	02/26/21 09:29	02/26/21 18:48
Cyclohexane	97.4	50.00	ppm	70-130	02/26/21 09:29	02/26/21 18:48
Dichloromethane	99.1	50.00	ppm	70-130	02/26/21 09:29	02/26/21 18:48
1,4-Dioxane	102	50.00	ppm	70-130	02/26/21 09:29	02/26/21 18:48
2-Ethoxyethanol	91.4	80.00	ppm	70-130	02/26/21 09:29	02/26/21 18:48
Ethyl acetate	99.8	1000	ppm	70-130	02/26/21 09:29	02/26/21 18:48
Ethyl benzene	97.3	35.00	ppm	70-130	02/26/21 09:29	02/26/21 18:48
Ethylene glycol	97.2	310.0	ppm	70-130	02/26/21 09:29	02/26/21 18:48
Ethylene oxide	95.0	25.00	ppm	70-130	02/26/21 09:29	02/26/21 18:48
Ethyl ether	97.6	1000	ppm	70-130	02/26/21 09:29	02/26/21 18:48
Heptane	98.6	1000	ppm	70-130	02/26/21 09:29	02/26/21 18:48
n-Hexane	96.7	50.00	ppm	70-130	02/26/21 09:29	02/26/21 18:48
Hexanes	95.4	50.00	ppm	70-130	02/26/21 09:29	02/26/21 18:48
iso-Butane	76.1	50.00	ppm	70-130	02/26/21 09:29	02/26/21 18:48
Isopropyl acetate	96.7	1000	ppm	70-130	02/26/21 09:29	02/26/21 18:48
iso-Pentane	90.0	50.00	ppm	70-130	02/26/21 09:29	02/26/21 18:48
Methanol	100	1000	ppm	70-130	02/26/21 09:29	02/26/21 18:48
2-Methylpentane	96.3	50.00	ppm	70-130	02/26/21 09:29	02/26/21 18:48
3-Methylpentane	96.1	50.00	ppm	70-130	02/26/21 09:29	02/26/21 18:48
neo-Pentane	82.8	50.00	ppm	70-130	02/26/21 09:29	02/26/21 18:48
n-Pentane	104	50.00	ppm	70-130	02/26/21 09:29	02/26/21 18:48
Pentanes	92.4	1000	ppm	70-130	02/26/21 09:29	02/26/21 18:48



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Quality Control Solvent Analysis (Continued)

Batch: 2109046 - 205 (Continued)

LCS(2109046-BS1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Propane	62.5	1000	ppm	70-130	02/26/21 09:29	02/26/21 18:48
2-Propanol (IPA)	102	1000	ppm	70-130	02/26/21 09:29	02/26/21 18:48
Tetrahydrofuran	99.4	50.00	ppm	70-130	02/26/21 09:29	02/26/21 18:48
Toluene	98.8	50.00	ppm	70-130	02/26/21 09:29	02/26/21 18:48



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