

Batch #: T190001

Batch QR Code:



Destination URL:

<https://hoglabs.info/T190001.pdf>

Description:

- 1000mg Broad Spectrum Hemp Distillate Tincture, Certificate of Analysis (CoA), SDS (Safety Data Sheet), Flavors (Natural, Blood Orange, Melon, Peppermint)

Certificate of Analysis

Final Product: Tincture - Hemp Oil Distillate
 Flavor: Blood Orange Strength: 1000 mg
 Date of Manufacture: 05/05/2019

Lot Number: BL1905B-029



Test	Methodology	Specification	Test Results (Average)*	Pass/Fail
Color and Appearance - Product	TM-004 (Visual)	Clear or yellow to orange/red clear, flowing, liquid free of particulates	Conforms	Pass
Aroma/Odor	TM-004 (Organoleptic)	Prominent labeled aroma	Conforms	Pass
Flavor	TM-004 (Organoleptic)	Prominent labeled taste	Conforms	Pass
CBD Identification	TM-003 (DAD Retention Time)	Retention time of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass
	TM-003 (DAD UV spectrum)	UV spectrum of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass
CBD Content Assay (% of label claim)	TM-003 (HPLC-DAD)	90.0 – 110.0%	102.9	Pass
THC Content (% w/w)	THC	TM-003 (HPLC-DAD)	Report	N/A
	THCA	TM-003 (HPLC-DAD)	Report	N/A
	Total THC	TM-003 (HPLC-DAD)	≤ 0.3%	0.069 Pass
Related Cannabinoid Content (% w/w)	CBDA	TM-003 (HPLC-DAD)	Report	ND N/A
	CBN	TM-003 (HPLC-DAD)	Report	0.008 N/A
	CBDV	TM-003 (HPLC-DAD)	Report	0.014 N/A
	CBG	TM-003 (HPLC-DAD)	Report	NT N/A
	Other (Highest)	TM-003 (HPLC-DAD)	Report	0.140 N/A
Total	TM-003 (HPLC-DAD)	Report	0.356 N/A	
Total Cannabinoids (CBD plus total RCs, % w/w)	TM-003 (HPLC-DAD)	Report	3.903 N/A	
Pesticides (Highest, ppm)	Individual Pesticide Content Test List [†]	LC-MS [‡]	Conforms [†]	< LOQ Pass
Elemental Impurities (ppm)	Arsenic	ICP-MS [‡]	< 1.5 ppm	< LOQ Pass
	Cadmium	ICP-MS [‡]	< 0.5 ppm	< LOQ Pass
	Lead	ICP-MS [‡]	< 0.5 ppm	< LOQ Pass
	Mercury	ICP-MS [‡]	< 1.5 ppm	< LOQ Pass

* Number of replicates: 3
[†] Full list of individual pesticide residues on file, Eurofins LOQ of 0.05 ppm for individual residues.
[‡] Contact Testing performed by Eurofins BioDiagnostics.

Prepared by

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 Signer Name: Danae Burgess
 Signing Reason: I am the author of this document
 Signing Time: 5/22/2019 | 11:28:13 AM PDT
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DocuSigned by:

 Signer Name: Beth Grant
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Certificate of Analysis

Final Product: Tincture - Hemp Oil Distillate
 Flavor: Melon Strength: 1000 mg
 Date of Manufacture: 6/4/2019

Lot Number: BL1905B-031



Test	Methodology	Specification	Test Results (Average)*	Pass/Fail
Color and Appearance - Product	TM-004 (Visual)	Clear or yellow to orange/red clear, flowing, liquid free of particulates	Conforms	Pass
Aroma/Odor	TM-004 (Organoleptic)	Prominent labeled aroma	Conforms	Pass
Flavor	TM-004 (Organoleptic)	Prominent labeled taste	Conforms	Pass
CBD Identification	TM-003 (DAD Retention Time)	Retention time of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass
	TM-003 (DAD UV spectrum)	UV spectrum of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass
CBD Content Assay (% of label claim)	TM-003 (HPLC-DAD)	90.0 – 110.0%	97.4	Pass
THC Content (% w/w)	THC	TM-003 (HPLC-DAD)	Report	N/A
	THCA	TM-003 (HPLC-DAD)	Report	N/A
	Total THC	TM-003 (HPLC-DAD)	≤ 0.3%	0.070 Pass
Related Cannabinoid Content (% w/w)	CBDA	TM-003 (HPLC-DAD)	Report	ND N/A
	CBN	TM-003 (HPLC-DAD)	Report	0.008 N/A
	CBDV	TM-003 (HPLC-DAD)	Report	0.014 N/A
	CBG	TM-003 (HPLC-DAD)	Report	NT N/A
	Other (Highest)	TM-003 (HPLC-DAD)	Report	0.140 N/A
	Total	TM-003 (HPLC-DAD)	Report	0.331 N/A
Total Cannabinoids (CBD plus total RCs, % w/w)	TM-003 (HPLC-DAD)	Report	3.688 N/A	
Pesticides (Highest, ppm)	Individual Pesticide Content Test List [†] LC-MS [‡]	Conforms [†]	< LOQ	Pass
Elemental Impurities (ppm)	Arsenic	ICP-MS [‡]	< 1.5 ppm	< LOQ Pass
	Cadmium	ICP-MS [‡]	< 0.5 ppm	< LOQ Pass
	Lead	ICP-MS [‡]	< 0.5 ppm	< LOQ Pass
	Mercury	ICP-MS [‡]	< 1.5 ppm	< LOQ Pass

* Number of replicates: 3

[†] Full list of individual pesticide residues on file, Eurofins LOQ of 0.05 ppm for individual residues.

[‡] Contact Testing performed by Eurofins BioDiagnostics.

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DocuSigned by:

 Signer Name: Danae Burgess
 Signing Reason: I am the author of this document
 Signing Time: 8/22/2019 | 11:28:06 AM PDT
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DocuSigned by:

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Certificate of Analysis

Final Product: Tincture - Hemp Oil Distillate
 Flavor: Peppermint Strength: 1000 mg
 Date of Manufacture: 05/31/19

Lot Number: BL1905B-033



Test	Methodology	Specification	Test Results (Average)*	Pass/Fail
Color and Appearance - Product	TM-004 (Visual)	Clear or yellow to orange/red clear, flowing, liquid free of particulates	Conforms	Pass
Aroma/Odor	TM-004 (Organoleptic)	Prominent labeled aroma	Conforms	Pass
Flavor	TM-004 (Organoleptic)	Prominent labeled taste	Conforms	Pass
CBD Identification	TM-003 (DAD Retention Time)	Retention time of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass
	TM-003 (DAD UV spectrum)	UV spectrum of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass
CBD Content Assay (% of label claim)	TM-003 (HPLC-DAD)	90.0 – 110.0%	96.9	Pass
THC Content (% w/w)	THC	TM-003 (HPLC-DAD)	Report	N/A
	THCA	TM-003 (HPLC-DAD)	Report	N/A
	Total THC	TM-003 (HPLC-DAD)	≤ 0.3%	0.075 Pass
Related Cannabinoid Content (% w/w)	CBDA	TM-003 (HPLC-DAD)	Report	N/A
	CBN	TM-003 (HPLC-DAD)	Report	0.008 N/A
	CBDV	TM-003 (HPLC-DAD)	Report	0.015 N/A
	CBG	TM-003 (HPLC-DAD)	Report	NT N/A
	Other (Highest)	TM-003 (HPLC-DAD)	Report	0.148 N/A
Total	TM-003 (HPLC-DAD)	Report	0.386 N/A	
Total Cannabinoids (CBD plus total RCs, % w/w)	TM-003 (HPLC-DAD)	Report	3.726	N/A
Pesticides (Highest, ppm)	Individual Pesticide Content Test List [†]	LC-MS [‡]	Conforms [‡]	< LOQ Pass
Elemental Impurities (ppm)	Arsenic	ICP-MS [‡]	< 1.5 ppm	< LOQ Pass
	Cadmium	ICP-MS [‡]	< 0.5 ppm	< LOQ Pass
	Lead	ICP-MS [‡]	< 0.5 ppm	< LOQ Pass
	Mercury	ICP-MS [‡]	< 1.5 ppm	0.008 Pass

* Number of replicates: 3

[†] Full list of individual pesticide residues on file, Eurofins LOQ of 0.05 ppm for individual residues.

[‡] Contact Testing performed by Eurofins BioDiagnostics.

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DocuSigned by:

 Signer Name: Danae Burgess
 Signing Reason: I am the author of this document
 Signing Time: 8/22/2019 | 11:28:07 AM PDT
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Certificate of Analysis

Final Product: Tincture - Hemp Oil Distillate

Flavor: Natural Strength: 1000 mg

Date of Manufacture: 05/30/19

Lot Number: BL1905B-027



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Test	Methodology	Specification	Test Results (Average)*	Pass/Fail	
Color and Appearance - Product	TM-004 (Visual)	Clear or yellow to orange/red clear, flowing, liquid free of particulates	Conforms	Pass	
Aroma/Odor	TM-004 (Organoleptic)	Prominent labeled aroma	Conforms	Pass	
Flavor	TM-004 (Organoleptic)	Prominent labeled taste	Conforms	Pass	
CBD Identification	TM-003 (DAD Retention Time)	Retention time of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass	
	TM-003 (DAD UV spectrum)	UV spectrum of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass	
CBD Content Assay (% of label claim)	TM-003 (HPLC-DAD)	90.0 – 110.0%	97.4	Pass	
THC Content (% w/w)	THC	TM-003 (HPLC-DAD)	Report	0.077	N/A
	THCA	TM-003 (HPLC-DAD)	Report	ND	N/A
	Total THC	TM-003 (HPLC-DAD)	≤ 0.3%	0.077	Pass
Related Cannabinoid Content (% w/w)	CBDA	TM-003 (HPLC-DAD)	Report	ND	N/A
	CBN	TM-003 (HPLC-DAD)	Report	0.008	N/A
	CBDV	TM-003 (HPLC-DAD)	Report	0.013	N/A
	CBG	TM-003 (HPLC-DAD)	Report	NT	N/A
	Other (Highest)	TM-003 (HPLC-DAD)	Report	0.150	N/A
Total	TM-003 (HPLC-DAD)	Report	0.369	N/A	
Total Cannabinoids (CBD plus total RCs, % w/w)	TM-003 (HPLC-DAD)	Report	3.729	N/A	
Pesticides (Highest, ppm)	Individual Pesticide Content Test List [†]	LC-MS [‡]	Conforms [‡]	< LOQ	Pass
Elemental Impurities (ppm)	Arsenic	ICP-MS [‡]	< 1.5 ppm	< LOQ	Pass
	Cadmium	ICP-MS [‡]	< 0.5 ppm	< LOQ	Pass
	Lead	ICP-MS [‡]	< 0.5 ppm	< LOQ	Pass
	Mercury	ICP-MS [‡]	< 1.5 ppm	< LOQ	Pass

* Number of replicates: 3

[†] Full list of individual pesticide residues on file, Eurofins LOQ of 0.05 ppm for individual residues.

[‡] Contract Testing performed by Eurofins BioDiagnostics.

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DocuSigned by:

Signer Name: Danae Burgess
 Signing Reason: I am the author of this document
 Signing Time: 8/22/2019 | 11:27:22 AM PDT

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DocuSigned by:

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Safety Data Sheet

According to Regulation (EC) No 1907/2006

PEPPERMINT FLAVORING DISTILLATE TINCTURE OIL

Product code: FX-006 – Peppermint

Page 1 of 8

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

PEPPERMINT FLAVORING DISTILLATE TINCTURE OIL

1.2. Relevant identified uses of the substance or mixture and uses advised against

Uses advised against

Any non-intended use.

1.3. Details of the supplier of the safety data sheet

Company name: Mile High Labs
 Address: 697 N. Denver Avenue, Suite 132
 Loveland, CO 80537
 USA
 Telephone: (970) 775-7463 ext. 0

1.4. Emergency telephone number:

(970) 776-9194 ext. 0

Further Information

This sheet was prepared on a voluntary basis.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008
 Not a hazardous substance or mixture

2.2. Label elements

Regulation (EC) No. 1272/2008
 Not a hazardous substance or mixture

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Components

Component	CAS No.	EC No.	Weight %
MCT Oil	65381-09-1, 73398-61-5	NA	90 - 100
Peppermint Oil	50-6225-07	NA	2 - 3
Hemp Oil Distillate			
Cannabidiol (CBD)	13956-29-1	NA	≤ 5
Total THC = (THC + THCA)	1972-08-3, 23978-85-0	NA	≤ 0.3
Cannabidiolic Acid (CBDA)	1244-58-2	NA	≤ 1
Cannabinol (CBN)	521-35-7	NA	≤ 1
Cannabidivarin (CBDV)	24274-48-4	NA	≤ 1
Cannabichromene (CBC)	20875-51-8	NA	≤ 1
Cannabigerol (CBG)	25654-31-3	NA	≤ 1

Full text of H and EUH statements: see Section 16.

GB - EN



MILE HIGH LABS

Safety Data Sheet

According to Regulation (EC) No 1907/2006

BLOOD ORANGE FLAVORING DISTILLATE TINCTURE OIL

Product code: FX-006 – Blood Orange

Page 1 of 8

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

BLOOD ORANGE FLAVORING DISTILLATE TINCTURE OIL

1.2. Relevant identified uses of the substance or mixture and uses advised against

Uses advised against

Any non-intended use.

1.3. Details of the supplier of the safety data sheet

Company name: Mile High Labs
 Address: 697 N. Denver Avenue, Suite 132
 Loveland, CO 80537
 USA
 Telephone: (970) 775-7463 ext. 0

1.4. Emergency telephone number:

(970) 776-9194 ext. 0

Further Information

This sheet was prepared on a voluntary basis.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008
 Not a hazardous substance or mixture

2.2. Label elements

Regulation (EC) No. 1272/2008
 Not a hazardous substance or mixture

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Components

Component	CAS No.	EC No.	Weight %
MCT Oil	65381-09-1, 73398-61-5	NA	80 - 90
Blood Orange Oil	8028-48-6	NA	5 - 8
Ethyl Butyrate	105-54-4	203-308-4	0 - 1
Hemp Oil Distillate			
Cannabidiol (CBD)	13956-29-1	NA	≤ 5
Total THC = (THC + THCA)	1972-08-3, 23978-85-0	NA	≤ 0.3
Cannabidiolic Acid (CBDA)	1244-58-2	NA	≤ 1
Cannabinol (CBN)	521-35-7	NA	≤ 1
Cannabidivarin (CBDV)	24274-48-4	NA	≤ 1
Cannabichromene (CBC)	20675-51-8	NA	≤ 1
Cannabigerol (CBG)	25654-31-3	NA	≤ 1

Full text of H and EUH statements: see Section 16.

GB - EN



MILE HIGH LABS

Safety Data Sheet

According to Regulation (EC) No 1907/2006

MELON FLAVORING DISTILLATE TINCTURE OIL

Product code: FX-006 - Melon

Page 1 of 8

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

MELON FLAVORING DISTILLATE TINCTURE OIL

1.2. Relevant identified uses of the substance or mixture and uses advised against

Uses advised against

Any non-intended use.

1.3. Details of the supplier of the safety data sheet

Company name: Mile High Labs
 Address: 697 N. Denver Avenue, Suite 132
 Loveland, CO 80537
 USA
 Telephone: (970) 775-7463 ext. 0

1.4. Emergency telephone number:

(970) 776-9194 ext. 0

Further Information

This sheet was prepared on a voluntary basis.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008
 Not a hazardous substance or mixture

2.2. Label elements

Regulation (EC) No. 1272/2008
 Not a hazardous substance or mixture

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Components

Component	CAS No.	EC No.	Weight %
MCT Oil	65381-09-1, 73308-61-5	NA	80 - 90
Melon Type Flavoring	NA	NA	5 - 8
Hemp Oil Distillate			
Cannabidiol (CBD)	13956-29-1	NA	≤ 5
Total THC = (THC + THCA)	1972-08-3, 23978-85-0	NA	≤ 0.3
Cannabidiolic Acid (CBDA)	1244-58-2	NA	≤ 1
Cannabinol (CBN)	521-35-7	NA	≤ 1
Cannabidivarin (CBDV)	24274-48-4	NA	≤ 1
Cannabichromene (CBC)	20675-51-8	NA	≤ 1
Cannabigerol (CBG)	25654-31-3	NA	≤ 1

Full text of H and EUH statements: see Section 16.

GB - EN



MILE HIGH LABS

Safety Data Sheet

According to Regulation (EC) No 1907/2006

NATURAL FLAVORING DISTILLATE TINCTURE OIL

Product code: FX-006

Page 1 of 8

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

NATURAL FLAVORING DISTILLATE TINCTURE OIL

1.2. Relevant identified uses of the substance or mixture and uses advised against

Uses advised against

Any non-intended use.

1.3. Details of the supplier of the safety data sheet

Company name: Mile High Labs
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 Loveland, CO 80537
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 Telephone: (970) 775-7463 ext. 0

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Further Information

This sheet was prepared on a voluntary basis.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008
 Not a hazardous substance or mixture

2.2. Label elements

Regulation (EC) No. 1272/2008
 Not a hazardous substance or mixture

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Components

Component	CAS No.	EC No.	Weight %
MCT Oil	65381-09-1, 73398-61-5	NA	90 - 100
Hemp Oil Distillate			
Cannabidiol (CBD)	13956-29-1	NA	≤ 5
Total THC = (THC + THCA)	1972-08-3, 23978-85-0	NA	≤ 0.3
Cannabidiolic Acid (CBDA)	1244-58-2	NA	≤ 1
Cannabinol (CBN)	521-35-7	NA	≤ 1
Cannabidivarin (CBDV)	24274-48-4	NA	≤ 1
Cannabichromene (CBC)	20675-51-8	NA	≤ 1
Cannabigerol (CBG)	25854-31-3	NA	≤ 1

Full text of H and EUH statements: see Section 16.

Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH)

SECTION 4: First aid measures

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