



Obvira

Copaiba, Balsam (*Copaifera officinalis*) • Batch: OB-CBM-001



Certificate of Analysis

Sample: **EVS-2026-OBV-3**

Essential Validation Services
EO Testing Lab



Obvira

Copaiba, Balsam (*Copaifera officinalis*) • Batch: OB-CBM-001

Texas, 75201



Essential Oil Testing

Certificate of Analysis

Sample: **EVS-2026-OBV-3**



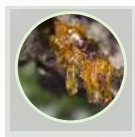
Essential Validation Services

EO Testing Lab

240 Goose Hollow Road
Berthoud, Colorado 80513
Phone: (317) 361-5044
adam@essentialvalidationservices.com



Sample Information



Sample Number: **EVS-2026-OBV-3**

Essential Oil: **Copaiba, Balsam**

Botanical Name: ***Copaifera officinalis***

Batch Number: **OB-CBM-001**

Test Type: **GCMS - Purity Analysis**

Origin & Processing

Country of Origin: **Brazil**



Quality Assessment



✓ Meets all quality specifications

Completed: **May 15, 2026**

Analyst: **Adam Christensen**

Professional Analysis

Analysis Notes

By Adam Christensen • May 15, 2026

Analysis of this Copaiba, Balsam (*Copaifera officinalis*) Essential Oil sample was conducted against the Copaiba, Balsam (*Copaifera langsdorffii*) standard specification. The chromatographic analysis accounted for 99.2% of the total sample composition. All major constituents were found to be within the expected ranges specified in the standard. No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Copaiba, Balsam (*Copaifera langsdorffii*).

Adam Christensen

Signature

May 15, 2026

Date

Essential Validation Services

240 Goose Hollow Road, Berthoud, CO 80513

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Contact

(317) 361-5044 •

adam@essentialvalidationservices.com

Report Date

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GC-MS Method: SOP.T.01



Analytical Overview

58

Total Compounds

58

Identified

100.0%

ID Rate

99.2%

Total Content Identified

Chemical Family Distribution

Sesquiterpene	94.4%
Sesquiterpenol	2.4%
Sesquiterpene Ether	1.6%
Unknown	1.4%
Sesquiterpene Ketone	0.1%
Monoterpene	0.1%

Top Components (≥1%)

1	beta-Caryophyllene	54.86%
2	alpha-Humulene	7.10%
3	trans-alpha-Bergamotene	5.80%
4	Germacrene D	5.29%
5	alpha-Copaene	4.98%
6	beta-Bisabolene	2.80%
7	delta-Cadinene	2.59%
8	gamma-Murolene	1.95%
9	beta-Elemene	1.52%
10	Caryophyllene oxide	1.52%

Professional Analysis Summary

1 Sample Analysis

This Copaiba, Balsam (Copaifera officinalis) sample shows 58 detected compounds (58 identified, 100.0% rate).

2 Major Components

Predominant: beta-Caryophyllene (54.9%), alpha-Humulene (7.1%), trans-alpha-Bergamotene (5.8%), +8 others.

3 Chemical Profile

5 chemical families: Monoterpene, Sesquiterpene, Sesquiterpenol, +2 others.

4 Quality Assessment

Sample meets specifications for Copaiba, Balsam (Copaifera officinalis).



Expected vs. Detected Components

Comparison against EVS Internal Standard for Copaiba, Balsam (Copaifera langsdorffii) - Essential Validation Services

Compound	Expected	Detected	Status	Family
1 beta-Caryophyllene	38.00-81.00%	54.86%	✓	Sesquiterpene
2 Germacrene D	2.50-13.00%	5.29%	✓	Sesquiterpene
3 alpha-Humulene	2.31-10.00%	7.10%	✓	Sesquiterpene
4 trans-alpha-Bergamotene	0.20-9.00%	5.80%	✓	Sesquiterpene
5 alpha-Copaene	1.00-6.00%	4.98%	✓	Sesquiterpene
6 delta-Cadinene	0.00-5.00%	2.59%	✓	Sesquiterpene
7 Germacrene B	0.25-3.00%	0.02%	⚠	Sesquiterpene
8 alpha-Murolol	0.09-2.75%	0.39%	✓	Sesquiterpenol
9 delta-Elemene	0.00-1.50%	0.68%	✓	Sesquiterpene
10 gamma-Cadinene	0.00-1.30%	0.67%	✓	Sesquiterpene
11 beta-Cubebene	0.00-1.00%	-	✓	Sesquiterpene
12 alpha-Cubebene	0.00-1.00%	0.78%	✓	Sesquiterpene

Major Components Not in Standard (4)

1 beta-Bisabolene Sesquiterpene 2.80%	2 gamma-Murolene Sesquiterpene 1.95%	3 beta-Elemene Sesquiterpene 1.52%
4 Caryophyllene oxide Sesquiterpene Ether 1.52%		

Compliance Summary

12 Expected	11 Compliant	1 Out of Range	4 Additional
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**Obvira**

Lavender, Fine (Lavandula angustifolia) • Batch:
OB-LAV-001

**Certificate of Analysis**

Sample: EVS-2026-OBV-1

Essential Validation Services

EO Testing Lab

**Obvira**

Lavender, Fine (Lavandula angustifolia) • Batch: OB-
LAV-001

Texas, 75201

**Essential Oil Testing**

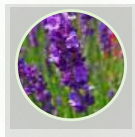
Certificate of Analysis

Sample: EVS-2026-OBV-1

**Essential Validation Services**

EO Testing Lab

240 Goose Hollow Road
Berthoud, Colorado 80513
Phone: (317) 361-5044
adam@essentialvalidationservices.com

**Sample Information**

Sample Number: EVS-2026-OBV-1

Essential Oil: Lavender, Fine

Botanical Name: *Lavandula angustifolia*

Batch Number: OB-LAV-001

Test Type: GCMS - Purity Analysis

Origin & Processing

Country of Origin: France

**Quality Assessment**

✓ Meets all quality specifications

Completed: May 15, 2026

Analyst: Adam Christensen

Professional Analysis

Analysis Notes By Adam Christensen • May 15, 2026

Analysis of this Lavender, Fine (Lavandula angustifolia) Essential Oil sample was conducted against the ISO 3515:2002 (Lavandula angustifolia) standard specification. The chromatographic analysis accounted for 99.3% of the total sample composition. All major constituents were found to be within the expected ranges specified in the standard. No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Lavender (Maillette) (Lavandula angustifolia).

Adam Christensen

Signature

May 15, 2026

Date

Essential Validation Services

240 Goose Hollow Road, Berthoud, CO 80513

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(317) 361-5044 •

adam@essentialvalidationservices.com

Report Date

May 15, 2026 • Page 1

GC-MS Method: SOP.T.01



Analytical Overview

69

Total Compounds

69

Identified

100.0%

ID Rate

99.3%

Total Content Identified

Chemical Family Distribution

Monoterpenol	40.9%
Monoterpene Ester	40.0%
Sesquiterpene	6.5%
Monoterpene	6.1%
Aliphatic Ester	1.2%
Aliphatic Alcohol	1.2%
Aliphatic Ketone	1.0%
Unknown	0.8%

Top Components (≥1%)

1	Linalyl acetate	35.00%
2	Linalool	34.64%
3	beta-Caryophyllene	3.46%
4	Lavandulyl acetate	2.19%
5	Terpinen-4-ol	1.92%
6	(E)-beta-Ocimene	1.89%
7	(Z)-beta-Ocimene	1.81%
8	Borneol	1.67%
9	(E)-beta-Farnesene	1.49%
10	1-Octenyl-3 acetate	1.15%

Professional Analysis Summary

1 Sample Analysis

This Lavender, Fine (Lavandula angustifolia) sample shows 69 detected compounds (69 identified, 100.0% rate).

2 Major Components

Predominant: Linalyl acetate (35.0%), Linalool (34.6%), beta-Caryophyllene (3.5%), +8 others.

3 Chemical Profile

15 chemical families: Aliphatic Ether, Aliphatic Alcohol, Monoterpene, +12 others.

4 Quality Assessment

Sample meets specifications for Lavender, Fine (Lavandula angustifolia).



Expected vs. Detected Components

Comparison against ISO 3515:2002 for Lavender (Maillette) (Lavandula angustifolia)

Compound	Expected	Detected	Status	Family
1 Linalyl acetate	33.00-46.00%	35.00%	✓	Monoterpene Ester
2 Linalool	30.00-45.00%	34.64%	✓	Monoterpenol
3 Octan-3-one	1.00-2.50%	1.03%	✓	Aliphatic Ketone
4 (Z)-beta-Ocimene	0.00-2.50%	1.81%	✓	Monoterpene
5 (E)-beta-Ocimene	0.00-2.00%	1.89%	✓	Monoterpene
6 Terpinen-4-ol	0.00-1.50%	1.92%	⚠	Monoterpenol
7 alpha-Terpineol	0.50-1.50%	0.79%	✓	Monoterpenol
8 Lavandulyl acetate	0.00-1.30%	2.19%	⚠	Monoterpene Ester
9 Camphor	0.00-1.20%	0.61%	✓	Monoterpene Ketone
10 1,8-Cineole	0.00-0.50%	0.55%	⚠	Monoterpene Ether
11 Lavandulol	0.00-0.50%	0.62%	⚠	Monoterpenol
12 Limonene	0.00-0.30%	0.22%	✓	Monoterpene
13 beta-Phellandrene	0.00-0.20%	-	✓	Monoterpene

Major Components Not in Standard (4)

1 beta-Caryophyllene Sesquiterpene	3.46%	2 Borneol Monoterpenol	1.67%	3 (E)-beta-Farnesene Sesquiterpene	1.49%
4 1-Octenyl-3 acetate Monoterpene Ester	1.15%				

Compliance Summary

13 Expected	9 Compliant	4 Out of Range	4 Additional
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Obvira

Chamomile, Roman (Anthemis nobilis) • Batch: OB-RCE-001



Certificate of Analysis

Sample: **EVS-2026-OBV-2**

Essential Validation Services
EO Testing Lab



Obvira

Chamomile, Roman (Anthemis nobilis) • Batch: OB-RCE-001

Texas, 75201



Essential Oil Testing

Certificate of Analysis

Sample: **EVS-2026-OBV-2**



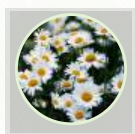
Essential Validation Services

EO Testing Lab

240 Goose Hollow Road
Berthoud, Colorado 80513
Phone: (317) 361-5044
adam@essentialvalidationservices.com



Sample Information



Sample Number: **EVS-2026-OBV-2**

Essential Oil: **Chamomile, Roman**

Botanical Name: **Anthemis nobilis**

Batch Number: **OB-RCE-001**

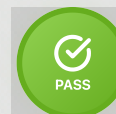
Test Type: **GCMS - Purity Analysis**

Origin & Processing

Country of Origin: **France**



Quality Assessment



✓ Meets all quality specifications

Completed: **May 15, 2026**

Analyst: **Adam Christensen**

Professional Analysis

Analysis Notes By Adam Christensen • May 15, 2026

Analysis of this Chamomile, Roman (Anthemis nobilis) Essential Oil sample was conducted against the NF T75-253 (Anthemis nobilis) standard specification. The chromatographic analysis accounted for 97.9% of the total sample composition. All major constituents were found to be within the expected ranges specified in the standard. No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Chamomile, Roman (Anthemis nobilis).

Adam Christensen

Signature

May 15, 2026

Date

Essential Validation Services

240 Goose Hollow Road, Berthoud, CO 80513

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Contact

(317) 361-5044 •

adam@essentialvalidationservices.com

Report Date

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GC-MS Method: SOP.T.01



Analytical Overview

53

Total Compounds

50

Identified

94.3%

ID Rate

97.9%

Total Content Identified

Chemical Family Distribution

Aliphatic Ester	80.6%
Unknown	5.8%
Monoterpenol	5.7%
Monoterpene Ketone	4.2%
Monoterpene	1.9%
Monoterpene Ester	0.7%
Monoterpene Aldehyde	0.4%
Aliphatic Alcohol	0.4%

Top Components (≥1%)

1	Isobutyl angelate	30.13%
2	Isoamyl angelate	17.20%
3	Methallyl angelate	9.20%
4	trans-Pinocarveol	5.21%
5	Isoamyl tiglate	5.11%
6	Isobutyl isobutyrate	4.43%
7	2-Methylbutyl isobutyrate	3.39%
8	Pinocarvone	3.22%
9	Isopropyl tiglate	1.92%
10	Isobutyl methacrylate	1.89%

Professional Analysis Summary

1 Sample Analysis

This Chamomile, Roman (Anthemis nobilis) sample shows 53 detected compounds (50 identified, 94.3% rate).

2 Major Components

Predominant: Isobutyl angelate (30.1%), Isoamyl angelate (17.2%), Methallyl angelate (9.2%), +12 others.

3 Chemical Profile

11 chemical families: Aliphatic Ester, Aliphatic Alcohol, Monoterpene, +8 others.

4 Quality Assessment

Sample meets specifications for Chamomile, Roman (Anthemis nobilis).



Expected vs. Detected Components

Comparison against NF T75-253 for Chamomile, Roman (Anthemis nobilis) – AFNOR

Compound	Expected	Detected	Status	Family
1 Isobutyl angelate	30.00-45.00%	30.13%	✓	Aliphatic Ester
2 Isoamyl angelate	12.00-22.00%	17.20%	✓	Aliphatic Ester
3 Methallyl angelate	6.00-10.00%	9.20%	✓	Aliphatic Ester
4 Isobutyl isobutyrate	2.00-9.00%	4.43%	✓	Aliphatic Ester
5 2-Methylbutyl angelate	3.00-7.00%	0.43%	⚠	Aliphatic Ester
6 trans-Pinocarveol	2.00-7.00%	5.21%	✓	Monoterpenol
7 Pinocarvone	1.30-6.00%	3.22%	✓	Monoterpene Ketone
8 alpha-Pinene	1.00-5.00%	1.47%	✓	Monoterpene
9 Isoamyl isobutyrate	2.00-5.00%	0.44%	⚠	Aliphatic Ester
10 Isobutyl methacrylate	0.50-3.00%	1.89%	✓	Aliphatic Ester
11 2-Methylbutyl methacrylate	0.50-1.50%	0.25%	⚠	Aliphatic Ester

Major Components Not in Standard (3)

1 Isoamyl tiglate Aliphatic Ester	5.11%	2 2-Methylbutyl isobutyrate Aliphatic Ester	3.39%	3 Isopropyl tiglate Aliphatic Ester	1.92%
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Compliance Summary

11 Expected	8 Compliant	3 Out of Range	3 Additional
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