

# NATURAL AROMATIC INGREDIENTS

Product catalogue

ATMOSPHAER

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# About us

**Atmosphaer** is trusted supplier of essential oil products for every business. With our service you receive your order with ease making a difference to your supply chain. Our fine quality, pure and natural essential oils will ensure the satisfaction of your customers. The wide range of both conventional and organic certified essential oil products makes Atmosphaer sufficient to supply all raw materials for your business from Bulgaria. Full traceability of our products ensures a stable supply chain for your company. Our work ethics include non-child labor, gender equality, safe working conditions and integration of minority groups.



**Nikolay  
Skakalechkov**

CEO

**15+**  
countries

**80+**  
products

**90+**  
customers

Worldwide delivery in more than 15 countries by air, sea or road. Our products can reach your warehouse on every point in the world.

Growing product list of essential oils, concretes, absolutes and hydrosols all produced in Bulgaria.

Large number of active customers all different in size and type of business.

# Certifications



**GMP (Good Manufacturing Practices) certification**



**HACCP plan**



**Halal certificate**



**IFEAT members**



**Organic certification**



**REACH compliance**



# Essential oils

# Angelica Seed oil



INCI: **Angelica Archangelica Oil**

BOTANICAL ORIGIN: **Angelica archangelica**

PLANT PART: **Seed**

CAS: **8015-64-3**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June - August**

APPLICATION: **cosmetics / well-being / pharmaceutical / aromatherapy / alcoholic beverages**

## GENERAL INFORMATION

Appearance	<b>clear liquid to viscous liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>Pale yellow to brown</b>
Odor	<b>A specific, grassy-earthly smell with a woody-musky note and a spicy nuance and with a peppery top note</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.860 - 0.918</b>
Refraction number $n_D^{20}$	<b>1.470 - 1.480</b>
Rotation of polarization plane, $\alpha_D^{20}$	<b>16 to 5</b>
Acid value, mg KOH/g	<b>&gt; 5</b>
Ester value, mg KOH/g	<b>Dec-45</b>
Acetyl value, mg KOH/g	<b>30 - 75</b>

## CONTENT OF COMPOUNDS (USING GC), %

$\alpha$ -Pinene	<b>9.0 -32.0</b>
$\beta$ -Phellandrene	<b>17.0 - 45.0</b>
Limonene	<b>10.0 - 39.0</b>
Lactones	<b>&gt; 3.0</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Angelica Root oil



INCI: **Angelica Archangelica Oil**

BOTANICAL ORIGIN: **Angelica archangelica**

PLANT PART: **Root**

CAS: **8015-64-3**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June – August**

APPLICATION: **cosmetics / well-being / pharmaceutical / aromatherapy / alcoholic beverages**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>Pale yellow to yellow</b>
Odor	<b>Strong, fresh, peppery smell with a sweet anise note</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.847 - 0.881</b>
Refraction number $n_D^{20}$	<b>1.479 - 1.487</b>
Rotation of polarization plane , $\alpha_D^{20}$	<b>10 to 17</b>
Acid value, mg KOH/g	<b>&gt; 3.0</b>
Ester value, mg KOH/g	<b>12.0 - 41.0</b>

## CONTENT OF COMPOUNDS (USING GC), %

$\alpha$ -Pinene	<b>9.0 -32.0</b>
$\beta$ -Phellandrene	<b>17.0 - 45.0</b>
Limonene	<b>10.0 - 39.0</b>
Lactones	<b>&gt; 1.0</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Anise oil



INCI: **Pimpinella anisum OIL**

BOTANICAL ORIGIN: **Pimpinella anisum**

PLANT PART: **Seeds**

CAS: **8007-70-3**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June – August**

APPLICATION: **cosmetics / well-being / pharmaceutical / aromatherapy / alcoholic beverages**

## GENERAL INFORMATION

Appearance	<b>clear liquid to viscous liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>Pale yellow to yellow-green</b>
Odor	<b>sweet, spicy scent, with a pronounced green note</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.979 - 0.991</b>
Refraction number $n_D^{20}$	<b>1.550 - 1.560</b>
Rotation of polarization plane, $\alpha_D^{20}$	<b>0</b>
Freezing point, °C	<b>&gt; 16</b>

## CONTENT OF COMPOUNDS (USING GC), %

Anethole	<b>80.0 - 90.0</b>
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# Balkan Savory oil



INCI: **Satureja montana oil / Satureja hortensis oil**  
BOTANICAL ORIGIN: **Satureja montana / Satureja hortensis**

PLANT PART: **Aerial plant part**

CAS: **84775-98-4**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **May - August**

APPLICATION: **cosmetics / well-being / pharmaceutical / aromatherapy**

## GENERAL INFORMATION

Appearance	<b>clear liquid to viscous liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>Yellow to red-yellow</b>
Odor	<b>a spicy, savory odor and a sharp, slightly fiery, spicy taste</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.895 - 0.960</b>
Refraction number $n_D^{20}$	<b>1.4935 - 1.5004</b>
Rotation of polarization plane , $\alpha_D^{20}$	<b>0 to -4</b>
Acid value, mg KOH/g	<b>2</b>
Ester value, mg KOH/g	<b>25</b>

## CONTENT OF COMPOUNDS (USING GC), %

Thymol	<b>&lt; 30.0</b>
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# Basil oil



INCI: **Ocimum basilicum L oil**

BOTANICAL ORIGIN: **Ocimum basilicum L**

PLANT PART: **Aerial plant part**

CAS: **8015-73-4**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **November**

APPLICATION: **Perfumery / cosmetics / aromatherapy / well-being / pharmaceutical / food industry**

## GENERAL INFORMATION

Appearance	<b>easy flowing clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>yellow to yellow green</b>
Odor	<b>Characteristic spicy, strong, pleasant and fresh smell of basil, slightly balsamic and with a tarragon note</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.870 - 0.900</b>
Refraction number $n_D^{20}$	<b>1.465 - 1.48</b>
Rotation of polarization plane , $\alpha_D^{20}$	<b>-8.5 - -17.5</b>
Acid value, mg KOH/g	<b>&lt; 4.0</b>
Ester value, mg KOH/g	<b>4.0 - 15.0</b>
Flash point, °C	<b>72</b>

## CONTENT OF COMPOUNDS (USING GC), %

Linalool	<b>50.0 - 70.0</b>
Limonene	<b>5.0 - 7.0</b>
Methylcinnamate	<b>1.5 - 3.0</b>
Methylhavicol	<b>0.5 - 1.5</b>

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# Bulgarian rose oil



INCI: **Rosa Damascena Flower Oil**

BOTANICAL ORIGIN: **Rosa Damascena P. Miller**

PLANT PART: **Flowers**

CAS: **90106-38-0 / 8007-01-0**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **0.1KG**

PACKAGING: **Aluminium containers: 0.1KG, 0.5KG, 1KG, 2KG, 5KG**

SHELF LIFE: **No shelf life is established if stored properly. Retest in 5 years.**

SHIPPING: **By air**

HARVEST TIME: **May - June**

APPLICATION: **Perfumery / cosmetics / aromatherapy / well-being / pharmaceutical / food industry**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>water-steam distillation</b>
Color	<b>yellow to pale yellow</b>
Odor	<b>Strong top note, penetrating floral aroma, warm, rich with honey and spicy notes with long lasting effect</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.848 - 0.861</b>
Refraction number $n_{D}^{20}$	<b>1.453 - 1.464</b>
Freezing point, °C	<b>17.0 - 22.0</b>
Acid value, mg KOH/g	<b>&gt; 4.0</b>
Ester value, mg KOH/g	<b>7.0 - 17.5</b>

## CONTENT OF COMPOUNDS (USING GC), %

Citronellol	<b>20.0 - 34.0</b>	Methyleugenol	<b>&lt; 3.0</b>
Geraniol	<b>15.0 - 25.0</b>	Eugenol	<b>&lt; 3.0</b>
Nerol	<b>5.0 - 12.0</b>	Ethanol	<b>&lt; 2.0</b>
Phenyl-ethyl alcohol	<b>&lt; 3.5</b>	n-Paraffins (C17+C19+C21+C23)	<b>18.0 - 25.0</b>

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# Cinnamon Bark oil



INCI: **Cinnamomum zeylanicum Oil**

BOTANICAL ORIGIN: **Cinnamomum zeylanicum**

PLANT PART: **Bark**

CAS: **8015-91-6**

COUNTRY OF PLANT MATERIAL: **Imported**

COUNTRY OF PROCESSING: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June - September**

APPLICATION: **cosmetics / well-being / pharmaceutical / aromatherapy / food industry**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>Yellow-brown to dark red</b>
Odor	<b>Typical cinnamon smell and sweet slightly spicy taste</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>1.010 - 1.030</b>
Refraction number $n_D^{20}$	<b>1.573 - 1.591</b>
Rotation of polarization plane, $\alpha_D^{20}$	<b>-2 to 0</b>

## CONTENT OF COMPOUNDS (USING GC), %

Cinnamaldehyde	<b>55.0 - 78.0</b>
Eugenol	<b>2.0 - 33.9</b>
Linalool	<b>2.0 - 6.9</b>
Terpinen-4-ol	<b>0.1 - 11.6</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Cinnamon Leaves oil



INCI: **Cinnamomum zeylanicum Oil**

BOTANICAL ORIGIN: **Cinnamomum zeylanicum**

PLANT PART: **Leaves**

CAS: **8015-91-6**

COUNTRY OF PLANT MATERIAL: **Imported**

COUNTRY OF PROCESSING: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June - September**

APPLICATION: **cosmetics / well-being / pharmaceutical / aromatherapy / food industry**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>Yellow-brown to dark red</b>
Odor	<b>Characteristic, spicy, reminiscent of the clove spice and with a hint of cinnamon</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>1.042 - 1.059</b>
Refraction number $n_D^{20}$	<b>1.530 - 1.540</b>
Rotation of polarization plane, $\alpha_D^{20}$	<b>-2.5 to 2</b>

## CONTENT OF COMPOUNDS (USING GC), %

Cinnamaldehyde	<b>&gt; 7.0</b>
Phenols	<b>85.0 - 95.0</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Clary Sage oil



INCI: **Slavia Sclarea Essential Oil**

BOTANICAL ORIGIN: **Slavia Sclarea L.**

PLANT PART: **Flower tops**

CAS: **8016-63-5**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **May - August**

APPLICATION: **Perfumery / cosmetics / aromatherapy / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>easy flowing clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colorless to light yellow</b>
Odor	<b>Characteristic of the flower smell resembling lavender, bergamot and amber</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.898 - 0.915</b>
Refraction number $n_D^{20}$	<b>1.455 - 1.470</b>
Rotation of polarization plane, $\alpha_D^{20}$	<b>-6.7 to -22.0</b>
Acid value, mg KOH/g	<b>&lt; 2.0</b>
Ester value, mg KOH/g	<b>165.0 - 224.5</b>
Freezing point, °C	<b>77</b>

## CONTENT OF COMPOUNDS (USING GC), %

Linalool	<b>23.6 - 31.0</b>
Linalyl Acetate	<b>34.4 - 44.6</b>
$\alpha$ -Terpineol + terpinyl acetate	<b>8.2 - 9.9</b>
Geraniol	<b>4.4 - 5.5</b>
Nerol	<b>1.5 - 1.9</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Clove oil



INCI: **Cinnamomum zeylanicum OIL**

BOTANICAL ORIGIN: **Caryophyllus aromaticus**

PLANT PART: **Flower buds**

CAS: **8000-34-8**

COUNTRY OF PLANT MATERIAL: **Imported**

COUNTRY OF PROCESSING: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June - September**

APPLICATION: **cosmetics / well-being / pharmaceutical / aromatherapy / food industry**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>Pale to light brown</b>
Odor	<b>A spicy, characteristic to Eugenol aroma and a spicy taste</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>1.042 - 1.063</b>
Refraction number $n_D^{20}$	<b>1.5280 - 1.5380</b>
Rotation of polarization plane , $\alpha_D^{20}$	<b>-15 to 0</b>
Flash point, °C	<b>120</b>

## CONTENT OF COMPOUNDS (USING GC), %

Phenols	<b>85.0 - 93.0</b>
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*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Coriander seed oil



INCI: **Coriandrum sativum oil**

BOTANICAL ORIGIN: **Coriandrum sativum**

PLANT PART: **Seeds**

CAS: **8808-52-4**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **November**

APPLICATION: **cosmetics / aromatherapy / well-being / pharmaceutical / food industry**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>pale yellow</b>
Odor	<b>Characteristic spicy, warm, linalool-like odor</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.868 - 0.879</b>
Refraction number $n_D^{20}$	<b>1.462 - 1.470</b>
Rotation of polarization plane, $\alpha_D^{20}$	<b>10 to 14</b>
Acid value, mg KOH/g	<b>0,75 - 4,5</b>
Ester value, mg KOH/g	<b>3.2 - 10.5</b>

## CONTENT OF COMPOUNDS (USING GC), %

Linalool	<b>46.5 - 68.0</b>
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*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*



# Dill oil



INCI: **Anethum graveolens oil**

BOTANICAL ORIGIN: **Anethum graveolens**

PLANT PART: **Aerial plant part**

CAS: **90028-03-8 / 8006-75-5**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June – September**

APPLICATION: **cosmetics / well-being / pharmaceutical / food industry**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>pale yellow to yellow</b>
Odor	<b>Characteristic smell of grass</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.872 - 0.8980</b>
Refraction number $n_D^{20}$	<b>1.478 - 1.488</b>
Rotation of polarization plane , $\alpha_D^{20}$	<b>72 to 96</b>
Flash point, °C	<b>52</b>

## CONTENT OF COMPOUNDS (USING GC), %

Ketones such as carvon	<b>28.0 - 45.0</b>
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*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Fennel oil



INCI: **Foeniculum Vulgare Mill oil**

BOTANICAL ORIGIN: **Foeniculum Vulgare Mill**

PLANT PART: **Aerial plant part**

CAS: **8006-84-6**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **July - September**

APPLICATION: **cosmetics / well-being / pharmaceutical / food industry**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>pale yellow to dark yellow</b>
Odor	<b>Characteristic anise slightly spicy smell, with a slightly earthy-camphor note</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.920 - 0.980</b>
Refraction number $n_D^{20}$	<b>1.232 - 1.5542</b>
Rotation of polarization plane, $\alpha_D^{20}$	<b>20 to 30.2</b>
Freezing point, °C	<b>3 - 12</b>

## CONTENT OF COMPOUNDS (USING GC), %

Anethol	<b>&gt; 60</b>
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*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# German Chamomile oil



INCI: **Matricaria Recutita (German Chamomile) Oil**

BOTANICAL ORIGIN: **Matricaria Recutita**

PLANT PART: **Flower tops**

CAS: **8002-66-2**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **May - June**

APPLICATION: **cosmetics / aromatherapy / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>easy flowing clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>blue to dark blue</b>
Odor	<b>sweet, herbal, fruity-tea, strong penetrating aroma</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.899 - 0.930</b>
Acid value, mg KOH/g	<b>&gt; 30.0</b>
Ester value, mg KOH/g	<b>&gt; 350</b>
Acetyl value, mg KOH/g	<b>&gt; 430</b>

## CONTENT OF COMPOUNDS (USING GC), %

Chamazulene	<b>&gt; 3.0</b>
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*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Hyssop oil



INCI: **Hyssopus Officinalis Leaf Oil**

BOTANICAL ORIGIN: **Hyssopus Officinalis**

PLANT PART: **Flower tops**

CAS: **8006-83-5 / 84603-66-7**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **July - August**

APPLICATION: **alcoholic beverages / cosmetics / aromatherapy / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>easy flowing clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>Pale yellow</b>
Odor	<b>Strong sweet and warm, spicy-camphorous odor and slightly bitter taste</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.920 - 0.950</b>
Refraction number $n_D^{20}$	<b>1.475 - 1.486</b>
Acid value, mg KOH/g	<b>&lt; 2.0</b>
Ester value, mg KOH/g	<b>16.0 - 28.0</b>

## CONTENT OF COMPOUNDS (USING GC), %

$\alpha$ -Pinene	<b>0.4 - 1.5</b>	Isopinocampone	<b>25.0 - 45.0</b>
$\beta$ -Pinene	<b>7.0 - 20.0</b>	$\beta$ -Bourbonene	<b>0.8 - 2.6</b>
Sabinene	<b>1.0 - 3.5</b>	$\beta$ -Caryophyllene	<b>1,0 - 3,0</b>
Limonene	<b>0.6 - 4.0</b>	Alloaromadendrene	<b>1,0 - 3,0</b>
Pinocampone	<b>8.0 - 25.0</b>	Germacrene D	<b>1,2 - 4,5</b>

\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.

# Juniper Berry oil



INCI: **Juniper berry / needle Oil**

BOTANICAL ORIGIN: **Juniperus communis**

PLANT PART: **Berries / Needles**

CAS: **8014-71-9**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **October - November / February - April**

APPLICATION: **cosmetics / aromatherapy / fragrance / well-being / pharmaceutical / food industry**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless to yellow-green</b>
Odor	<b>Characteristic junipery, pine-balsamic odor and a bitter, fiery, parsamic taste</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.920 - 0.980</b>
Refraction number $n_D^{20}$	<b>1.4713 - 1.4780</b>
Rotation of polarization plane , $\alpha_D^{20}$	<b>-2 to -9.6</b>
Acid value, mg KOH/g	<b>&gt; 1.0</b>
Ester value, mg KOH/g	<b>4 - 5</b>
Flash point, °C	<b>42</b>

## CONTENT OF COMPOUNDS (USING GC), %

$\alpha$ -Pinene	<b>9.0 - 46.0</b>	Myrcene	<b>1.5 - 2.4</b>
$\beta$ -Pinene	<b>0.5 - 10.5</b>	Limonene	<b>1.4 - 5.8</b>
Sabinene	<b>0.3 - 25.3</b>	Terpen-4-ol	<b>0.4 - 23.4</b>

\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.

# Lavender oil



INCI: **Lavandula Angustifolia Oil**

BOTANICAL ORIGIN: **Lavandula Angustifolia**

PLANT PART: **Flower tops**

CAS: **8000-28-0/ 90063-37-9**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **Jerry can / Steel drum**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **July**

APPLICATION: **Perfumery / cosmetics / aromatherapy / well-being / pharmaceutical / food industry**

## GENERAL INFORMATION

Appearance	<b>easy flowing clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>light yellow to amber yellow</b>
Odor	<b>Fresh, cleanly grassy with balsamic, woody and sometimes sweet and warm notes</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.879 — 0.888</b>
Refraction number $n_D^{20}$	<b>1.4590 — 1.4630</b>
Acid value, mg KOH/g	<b>&lt; 1.0 mg KOH/g</b>

## CONTENT OF COMPOUNDS (USING GC), %

Limonene	<b>&gt; 0.6</b>	Linalool	<b>22.0 - 34.0</b>
1,8 Cineole	<b>&gt; 2.0</b>	Linalyl Acetate	<b>30.0 - 42.0</b>
$\beta$ -Phellandrene	<b>&gt; 0.6</b>	Lavandulol	<b>&gt; 0.3</b>
Cis - $\beta$ - Ocimene	<b>&lt; 3 - 9</b>	Terpinen-4-ol	<b>2.0 - 5.0</b>
Trans - $\beta$ - Ocimene	<b>2.0 - 5.0</b>	Lavandulyl acetate	<b>2.0 - 5.0</b>
3 - Octanone	<b>0.2 - 1.6</b>	$\alpha$ -Terpineol	<b>0.8 - 2.0</b>
Camphor	<b>&lt; 0.6</b>		

\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.

# Melissa oil



INCI: **Melissa Officinalis Leaf oil**

BOTANICAL ORIGIN: **Melissa Officinalis**

PLANT PART: **Leaves**

CAS: **8014-71-9**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June - September**

APPLICATION: **cosmetics / aromatherapy / fragrance / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>pale yellow to yellow-green</b>
Odor	<b>specific, pleasant, lemon smell and bitter-spicy taste</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.892 - 0.963</b>
Refraction number $n_D^{20}$	<b>1.470 - 1.506</b>
Rotation of polarization plane , $\alpha_D^{20}$	<b>2 to -30.8</b>
Acid value, mg KOH/g	<b>1.2 - 9.8</b>
Ester value, mg KOH/g	<b>12.0 - 241.4</b>
Acetyl value, mg KOH/g	<b>43.3 - 236.3</b>

## CONTENT OF COMPOUNDS (USING GC), %

Geranial	<b>15.0 - 37.2</b>	Linalool	<b>0.08 - 0.4</b>
Neral	<b>14.0 - 24.1</b>	1-Octen-3-ol	<b>0.2 - 2.2</b>
Citronellal	<b>0.7 - 39.0</b>	Caryophyllene	<b>&gt; 9.5</b>
Caryophyllene oxide	<b>2.5 - 8.4</b>	Germacrene D	<b>&gt; 4.2</b>

\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.

# Mint oil



INCI: **Mentha Piperita Oil**

BOTANICAL ORIGIN: **Mentha Piperita**

PLANT PART: **Leaves**

CAS: **8006-90-4**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June - October**

APPLICATION: **food and beverages / cosmetics / aromatherapy / fragrance / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>yellow to green-yellow</b>
Odor	<b>Characteristic mint smell, dense and nuanced and with a cooling, non-bitter taste</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.900 - 0.910</b>
Refraction number $n_D^{20}$	<b>1.457 - 1.466</b>
Rotation of polarization plane , $\alpha_D^{20}$	<b>-15 to -32</b>
Acid value, mg KOH/g	<b>&gt; 1.5</b>
Ester value, mg KOH/g	<b>14 - 42</b>
Acetyl value, mg KOH/g	<b>135 - 193</b>

## CONTENT OF COMPOUNDS (USING GC), %

Menthol	<b>20.0 - 54.0</b>
Menthone	<b>15.0 - 43.0</b>
Menthyl acetate	<b>1.0 - 29.0</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*



# Oregano oil



INCI: **Oreganum Vulgare Oil**

BOTANICAL ORIGIN: **Oreganum Vulgare**

PLANT PART: **Leaves**

CAS: **84012-24-8**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June - August**

APPLICATION: **food and beverages / cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>yellow to brownish yellow</b>
Odor	<b>Note of phenol, rural</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.950 - 0.965</b>
Refraction number $n_D^{20}$	<b>1.505 - 1.520</b>
Rotation of polarization plane, $\alpha_D^{20}$	<b>-5 to 5</b>
Freezing point, °C	<b>62</b>

## CONTENT OF COMPOUNDS (USING GC), %

Carvacrol	<b>68.0 - 84.0</b>
Thymol	<b>&lt; 6.0</b>
Para cymene	<b>&lt; 6.0</b>
Gamma terpinene	<b>&lt; 6.0</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Roman Chamomile oil



INCI: **Anthemis Nobilis Flower Oil**

BOTANICAL ORIGIN: **Anthemis Nobilis**

PLANT PART: **Flower tops**

CAS: **84649-86-5 / 8015-92-7**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June - September**

APPLICATION: **cosmetics / aromatherapy / well-being / pharmaceutical / fragrance**

## GENERAL INFORMATION

Appearance	<b>easy flowing clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>pale yellow to yellow green</b>
Odor	<b>fruity ethereal smell and slightly fiery taste</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.900 - 0.920</b>
Refraction number $n_D^{20}$	<b>1.438 - 1.446</b>
Rotation of polarization plane , $\alpha_D^{20}$	<b>-2 to 3</b>
Acid value, mg KOH/g	<b>&lt; 8.0</b>
Ester value, mg KOH/g	<b>250 - 340</b>

## CONTENT OF COMPOUNDS (USING GC), %

$\alpha$ - Pinene	<b>1.0 - 7.3</b>	Butyl 2-methylbutanoate	<b>0.5 - 3.0</b>
Isobutyl isobutanoate	<b>2.0 - 9.0</b>	Iso-Amyl iso-butyrate	<b>3.0 - 5.0</b>
Camphene	<b>0.1 - 3.0</b>	Limonene	<b>0.1 - 3.0</b>
Caryophyllene oxide	<b>0.1 - 5.0</b>	Isopropyl 3-methyl-2-butenate	<b>1.2 - 5.2</b>
Isobutyl methanacrylate	<b>0.5 - 3.0</b>		

\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.

# Rose Alba oil



INCI: **Rosa Alba Flower oil**

BOTANICAL ORIGIN: **Rosa Alba**

PLANT PART: **Flowers**

CAS: **90106-38-0 / 8007-01-0**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **0.1KG**

PACKAGING: **Aluminium containers: 0.1KG, 0.5KG, 1KG, 2KG, 5KG**

SHELF LIFE: **No shelf life is established if stored properly. Retest in 5 years.**

SHIPPING: **By air**

HARVEST TIME: **May - June**

APPLICATION: **Perfumery / cosmetics / aromatherapy / well-being / pharmaceutical / food industry**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>water-steam distillation</b>
Color	<b>yellow to pale yellow</b>
Odor	<b>gentle top note, floral rich penetrating aroma, slightly spicy with honey notes</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.842 - 0.859</b>
Refraction number $n_{D}^{20}$	<b>1.451 - 1.461</b>
Freezing point, °C	<b>17.0 - 22.0</b>
Acid value, mg KOH/g	<b>&gt; 4.0</b>
Ester value, mg KOH/g	<b>7.0 - 17.5</b>

## CONTENT OF COMPOUNDS (USING GC), %

Citronellol	<b>20.0 - 34.0</b>	Methyleugenol	<b>&lt; 3.0</b>
Geraniol	<b>15.0 - 25.0</b>	Eugenol	<b>&lt; 3.0</b>
Nerol	<b>5.0 - 12.0</b>	Ethanol	<b>&lt; 2.0</b>
Phenyl-ethyl alcohol	<b>&lt; 3.5</b>	n-Paraffins (C17+C19+C21+C23)	<b>18.0 - 25.0</b>

\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.

# Rosemary oil



INCI: **Rosmarinus officinalis leaf oil**

BOTANICAL ORIGIN: **Rosmarinus officinalis**

PLANT PART: **Aerial plant part**

CAS: **8000-25-7**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **April - September**

APPLICATION: **cosmetics / aromatherapy / fragrance / well-being / pharmaceutical / food and beverages**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colorless to pale-yellow</b>
Odor	<b>a characteristic, fresh, pleasant but harsh smell with a balsamic-woody and faint camphor note</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.800 - 0.950</b>
Refraction number $n_D^{20}$	<b>1.466 - 1.470</b>
Rotation of polarization plane, $\alpha_D^{20}$	<b>12 to 16</b>
Acid value, mg KOH/g	<b>&gt; 2.0</b>

## CONTENT OF COMPOUNDS (USING GC), %

$\alpha$ -Pinene	<b>12.5 - 17.0</b>	1,8-Cineole	<b>15.2 - 24.2</b>
Camphene	<b>6.4 - 8.3</b>	Camphor	<b>11.0 - 19.2</b>
$\beta$ -Pinene	<b>3.0 - 3.8</b>	Bornyl acetate + Terpinen-4-ol	<b>6.8 - 9.1</b>
Limonene	<b>4.4 - 4.7</b>	Borneol	<b>3.9 - 5.7</b>

\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.

# Sage oil



INCI: **Rosmarinus officinalis oil**

BOTANICAL ORIGIN: **Sage Officinalis**

PLANT PART: **Aerial plant part**

CAS: **84082-79-1**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **May - August**

APPLICATION: **cosmetics / aromatherapy / fragrance / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colorless to yellow</b>
Odor	<b>a characteristic earthy, herbaceous, floral and slightly fruity note</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.9067</b>
Refraction number $n_D^{20}$	<b>1.4680</b>
Acid value, mg KOH/g	<b>0.55</b>
Ester value, mg KOH/g	<b>17.7</b>
Carbonyl value, mg KOH/g	<b>187 - 235</b>

## CONTENT OF COMPOUNDS (USING GC), %

$\alpha$ -Pinene	<b>0.1 - 5.1</b>	$\beta$ -Thujone	<b>0.7 - 17.4</b>
Camphene	<b>0.5 - 4.4</b>	Camphor	<b>0.1 - 11.7</b>
1,8-Cineole	<b>11.2 - 12.5</b>	$\beta$ -Pinene	<b>1.0 - 17.9</b>
$\alpha$ -Thujone	<b>10.0 - 33.3</b>	Borneol	<b>1.6 - 3.2</b>

\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.

# Scots Pine oil



INCI: **Pinus silvestris oil**

BOTANICAL ORIGIN: **Pinus silvestris**

PLANT PART: **Needles**

CAS: **84012-35-1**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **March - December**

APPLICATION: **cosmetics / aromatherapy / fragrance / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>pale yellow to yellow-green</b>
Odor	<b>Typical of pine, balsamic-fresh smell</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.860 - 0.870</b>
Refraction number $n_D^{20}$	<b>1.4725 - 1.4765</b>
Rotation of polarization plane, $\alpha_D^{20}$	<b>-19 to -25</b>
Acid value, mg KOH/g	<b>&gt; 1.0</b>
Ester value, mg KOH/g	<b>5.0 - 15.0</b>

## CONTENT OF COMPOUNDS (USING GC), %

$\alpha$ -Pinene	<b>5.0 - 69.5</b>	Mycene	<b>0.1 - 6.5</b>
$\beta$ -Pinene	<b>0.5 - 34.0</b>	Limonene	<b>0.2 - 8.7</b>
Camphene	<b>0.5 - 15.0</b>	$\beta$ -Phellandrene	<b>0.1 - 10.9</b>

\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.

# Silver Fir oil



INCI: **Abies Alba Needle Oil**

BOTANICAL ORIGIN: **Abies Alba**

PLANT PART: **Needles**

CAS: **90028-76-5**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **March - December**

APPLICATION: **cosmetics / aromatherapy / fragrance / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colorless to pale yellow</b>
Odor	<b>pleasant, fresh fir smell with a balsamic note</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.876 - 0.870</b>
Refraction number $n_D^{20}$	<b>1.474 - 1.478</b>
Rotation of polarization plane , $\alpha_D^{20}$	<b>-39 to -45</b>
Acid value, mg KOH/g	<b>&lt; 1.0</b>
Ester value, mg KOH/g	<b>20.0 - 30.0</b>

## CONTENT OF COMPOUNDS (USING GC), %

$\alpha$ -Pinene	<b>&gt; 32.0</b>
$\beta$ -Pinene	<b>8.0 - 26.0</b>
Limonene	<b>20.0 - 29.0</b>
Camphene	<b>9.0 - 21.0</b>
Ocimene	<b>&lt; 5</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# St. John's Wort oil



INCI: **Hypericum perforatum oil**

BOTANICAL ORIGIN: **Hypericum perforatum**

PLANT PART: **Flower tops**

CAS: **84082-80-4**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **May - August**

APPLICATION: **cosmetics / aromatherapy / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>pale yellow to yellow</b>
Odor	<b>clear herbaceous aroma with a soft, earthy and mildly sweet note</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0,905 - 0,930</b>
Refraction number $n_{D}^{20}$	<b>1,460- 1,490</b>
Acid value, mg KOH/g	<b>&lt; 5.0</b>

## CONTENT OF COMPOUNDS (USING GC), %

Germacrene D	<b>&gt; 10.0</b>
$\alpha$ -Pinene	<b>&gt; 9.0</b>
2-methyl-Octane	<b>&gt; 20.0</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*



# Tansy oil



INCI: **Tanacetum Vulgare / Tanacetum annuum oil**

BOTANICAL ORIGIN: **Tanacetum Vulgare / Tanacetum annuum**

PLANT PART: **Flower tops**

CAS: **8016-87-3**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **May - August**

APPLICATION: **cosmetics / aromatherapy / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colorless to pale yellow</b>
Odor	<b>Sweet, fruity, herbaceous, and wine-like</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0,900 - 0,920</b>
Refraction number $n_D^{20}$	<b>1,438 - 1,446</b>
Acid value, mg KOH/g	<b>&lt; 8.0</b>
Ester value, mg KOH/g	<b>&lt; 340</b>
Rotation of polarization plane, $\alpha_D^{20}$	<b>-2 to 3</b>

## CONTENT OF COMPOUNDS (USING GC), %

Chamazulene	<b>4- 7</b>
Sabinene	<b>16 - 25</b>
$\beta$ -Pinene	<b>2 - 5</b>
Camphor	<b>8 - 14</b>
p-Cymene	<b>4 - 8</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Tarragon oil



INCI: **Artemisia dracunculus oil**

BOTANICAL ORIGIN: **Artemisia dracunculus**

PLANT PART: **Aerial plant part**

CAS: **8016-88-4**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **May - September**

APPLICATION: **cosmetics / aromatherapy / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>pale yellow to yellow</b>
Odor	<b>Sweet, fruity, herbaceous, and wine-like</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0,931 - 0,957</b>
Refraction number $n_D^{20}$	<b>1,507 - 1,530</b>
Rotation of polarization plane , $\alpha_D^{20}$	<b>-15 to 15</b>
Acid value, mg KOH/g	<b>&lt; 8.0</b>
Rotation of polarization plane , $\alpha_D^{20}$	<b>1,5 to 6,5</b>

## CONTENT OF COMPOUNDS (USING GC), %

Estragole (Methylchavicol)	<b>&gt; 70</b>
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*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Thyme oil



INCI: **Thymus serpyllum oil**

BOTANICAL ORIGIN: **Thymus serpyllum**

PLANT PART: **Aerial parts**

CAS: **8007-46-3**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **April - September**

APPLICATION: **cosmetics / aromatherapy / well-being / pharmaceutical / food**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>pale yellow to dark yellow</b>
Odor	<b>strong pleasant thyme smell and sharp fiery taste</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0,891 - 0,934</b>
Refraction number $n_D^{20}$	<b>1,494 - 1,510</b>
Rotation of polarization plane , $\alpha_D^{20}$	<b>-0.1 to -8</b>
Acid value, mg KOH/g	<b>&lt; 8.0</b>
Rotation of polarization plane , $\alpha_D^{20}$	<b>1,5 to 6,5</b>

## CONTENT OF COMPOUNDS (USING GC), %

Thymol	<b>10 - 78</b>	Terpinen-4-ol	<b>0.2 - 3.9</b>
Carvacrol	<b>0.2 - 40</b>	$\alpha$ -Terpineol	<b>&gt; 5.0</b>
Methyl Carvacrol	<b>0.5 - 6.9</b>	Borneol	<b>0.4 - 5.7</b>
Linalool	<b>0.1 - 8.7</b>	Camphor	<b>&gt; 3.5</b>

\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.

# Valerian oil



INCI: **Valeriana officinalis oil**

BOTANICAL ORIGIN: **Valeriana officinalis**

PLANT PART: **Aerial parts**

CAS: **8057-49-6**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **July - September**

APPLICATION: **cosmetics / aromatherapy / well-being / pharmaceutical / food**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>pale yellow to yellow</b>
Odor	<b>woody, balsamic, and slightly green aroma</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0,913 - 0,984</b>
Refraction number $n_D^{20}$	<b>1,470 - 1,510</b>
Rotation of polarization plane , $\alpha_D^{20}$	<b>-0.1 to -8</b>
Acid value, mg KOH/g	<b>&gt; 5.5</b>
Ester value, mg KOH/g	<b>&gt; 130</b>
Rotation of polarization plane , $\alpha_D^{20}$	<b>-25.0 to -5.0</b>

## CONTENT OF COMPOUNDS (USING GC), %

Bornyl acetate	<b>2.3 - 33.5</b>	Valeranone	<b>0.5 - 8.2</b>
Ar-curcumene	<b>0.7 - 2.1</b>	Valerenal	<b>0.4 - 12.4</b>
Eudesma-2,6,8-triene	<b>0.5 - 7.6</b>	Valerenic acid	<b>0.3 - 2.8</b>
$\beta$ -eudesmol	<b>0.6 - 6.9</b>	Valerianol	<b>1.5 - 14.2</b>
Myrtenyl isovalerate	<b>1.6 - 10.5</b>		

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# Vetiver oil



INCI: **Vetiveria zizanioides oil**

BOTANICAL ORIGIN: **Vetiveria zizanioides**

PLANT PART: **Roots**

CAS: **8016-96-4**

COUNTRY OF PLANT MATERIAL: **Imported**

COUNTRY OF PROCESSING: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **July - September**

APPLICATION: **fragrance / cosmetics / aromatherapy / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>viscous liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>yellow-brown to red-brown</b>
Odor	<b>warm, woody, specific and very long-lasting smell</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0,980 - 0,1001</b>
Refraction number $n_D^{20}$	<b>1,522 - 1,530</b>
Rotation of polarization plane , $\alpha_D^{20}$	<b>19.0 to 30.0</b>
Acid value, mg KOH/g	<b>4.5 - 35.0</b>
Ester value, mg KOH/g	<b>5.0 - 30.0</b>
Rotation of polarization plane , $\alpha_D^{20}$	<b>22.0 to 38.0</b>

## CONTENT OF COMPOUNDS (USING GC), %

$\beta$ -vetivenon	<b>0.7 - 6.0</b>
$\beta$ -vetivone	<b>2.0 - 5.0</b>
Cusimolol	<b>9.0 - 18.0</b>
$\alpha$ -vetivone	<b>2.0 - 6.0</b>
Isovarensenol	<b>6.0 16.0</b>

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# White Wormwood oil



INCI: **Artemisia Vulgaris oil**

BOTANICAL ORIGIN: **Artemisia Vulgaris**

PLANT PART: **Aerial plant part**

CAS: **84775-45-1**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **August - October**

APPLICATION: **cosmetics / aromatherapy / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>clear to viscous liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>yellow to yellow-brown</b>
Odor	<b>characteristic, bitter, herbal-spice smell</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0,830 - 0,970</b>
Refraction number $n_D^{20}$	<b>1,475 - 1,496</b>
Acid value, mg KOH/g	<b>2.09</b>
Ester value, mg KOH/g	<b>53.09</b>
Rotation of polarization plane , $\alpha_D^{20}$	<b>113.65</b>

## CONTENT OF COMPOUNDS (USING GC), %

Terpene hydrocarbons	<b>≈35</b>
Ketones	<b>≈19</b>
Alcohols	<b>≈8,5</b>
Esters	<b>≈23</b>
Thujone	<b>≈19</b>

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# Wormwood Sweet oil



INCI: **Artemisia Annua oil**

BOTANICAL ORIGIN: **Artemisia Annua**

PLANT PART: **Aerial plant part**

CAS: **84775-74-6**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **September - October**

APPLICATION: **cosmetics / aromatherapy / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>clear to viscous liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>yellow-green to red-brown</b>
Odor	<b>characteristic, bitter, herbal-spice smell</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0,820 - 0,960</b>
Refraction number $n_D^{20}$	<b>1,470 - 1,495</b>
Acid value, mg KOH/g	<b>&gt; 10</b>
Ester value, mg KOH/g	<b>53.09</b>

## CONTENT OF COMPOUNDS (USING GC), %

Terpene hydrocarbons	<b>≈22.5</b>
Ketones	<b>≈37.5</b>
Alcohols	<b>≈26.7</b>
Esters	<b>≈5.3</b>
Artemisia ketone	<b>≈33.5</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Yarrow oil



INCI: **Achillea millefolium oil**

BOTANICAL ORIGIN: **Achillea millefolium**

PLANT PART: **Aerial plant part**

CAS: **8022-07-9**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June - July**

APPLICATION: **cosmetics / aromatherapy / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>clear liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>blue</b>
Odor	<b>Sharp, woody, herbaceous, fruity and somewhat sweet</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0,880 - 0,940</b>
Refraction number $n_{D}^{20}$	<b>1,480 - 1,500</b>
Acid value, mg KOH/g	<b>1.68 - 2.05</b>
Peroxide value, mg KOH/g	<b>1.95 - 17.5</b>

## CONTENT OF COMPOUNDS (USING GC), %

1,8-cineole	<b>5.7 - 36.7</b>	Camphene	<b>1.3 - 6.0</b>
Camphor	<b>1.2 - 20.6</b>	Limonene	<b>&lt; 10.7</b>
$\alpha$ -Thujene	<b>1.5 - 4.5</b>	$\beta$ -Caryophyllene	<b>0.1 - 12.0</b>
$\alpha$ -Pinene	<b>0.1 - 9.4</b>	Caryophyllene oxide	<b>&gt; 20.0</b>
Pinene+Sabinene	<b>0.1 - 7.1</b>	Chamazulene 3	<b>≈20.5</b>
Cymene	<b>0.60 - 8,30</b>		

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# Zdravetz oil



INCI: **Geranium Macrorrhizum (Zdravetz) Oil**

BOTANICAL ORIGIN: **Geranium Macrorrhizum**

PLANT PART: **Aerial plant part**

CAS: **68991-32-2**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified. Organic certified variety subject to availability.**

MOQ: **1KG**

PACKAGING: **Aluminium container / Jerry can / Steel drum**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **December / January / February**

APPLICATION: **fine fragrance / cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>clear to viscous liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>Pale yellow to green-yellow</b>
Odor	<b>sharp, woody, herbaceous, fruity and somewhat sweet</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0,963 - 0,9988</b>
Refraction number $n_D^{20}$	<b>1,5055 - 1,5262</b>
Acid value, mg KOH/g	<b>29.0 41.0</b>
Ester value, mg KOH/g	<b>13.0 - 33.0</b>
Acetyl value, mg KOH/g	<b>125.0 - 170.0</b>

## CONTENT OF COMPOUNDS (USING GC), %

Terpene hydrocarbons	<b>≈22.5</b>
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# Concretes and absolutes

# Beeswax concrete and absolute



INCI: **Cera Alba concrete / absolute**

CAS: **8012-89-3**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional only**

MOQ: **5KG (rose concrete) / 0.1KG (rose absolute)**

PACKAGING: **Aluminium containers: 0.1KG, 0.5KG, 1KG, 2KG, 5KG**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By air**

HARVEST TIME: **April - October**

APPLICATION: **Perfumery / cosmetics / aromatherapy / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>vaseline mass (rose concrete) / viscousse liquid (rose absolute)</b>
Method of extraction	<b>solvent extraction</b>
Color	<b>yellow, amber to brown</b>
Odor	<b>rich, sweet, floral and has a somewhat honey-like aroma</b>

## ABSOLUTE PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.950 - 0.960</b>
Refraction number $n_{D}^{20}$	<b>1.485 - 1.505</b>
Acid value, mg KOH/g	<b>17 - 24</b>
Ester value, mg KOH/g	<b>70 - 80</b>

## MAIN COMPONENTS IN ABSOLUTE

Oleic acid	<b>positive</b>
Hexadecanoic acid	<b>positive</b>
Pentatriacontene isomer	<b>positive</b>

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# Bulgarian rose concrete and absolute



INCI: **Rosa Damascena mill. flower concrete / rosa damascena mill. flower absolute**

BOTANICAL ORIGIN: **Rosa Damascena P. Miller**

PLANT PART: **Flowers**

CAS: **8007-01-0 (rose concrete) / 90106-38-0 (rose absolute)**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional only**

MOQ: **5KG (rose concrete) / 0.1KG (rose absolute)**

PACKAGING: **Aluminium containers: 0.1KG, 0.5KG, 1KG, 2KG, 5KG**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By air**

HARVEST TIME: **May - June**

APPLICATION: **Perfumery / cosmetics / aromatherapy / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>vaseline mass (rose concrete) / viscousse liquid (rose absolute)</b>
Method of extraction	<b>solvent extraction</b>
Color	<b>yellow to pale yellow</b>
Odor	<b>Floral note, reminiscent of fresh rose petals</b>

## ABSOLUTE PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.9502 - 0.9910</b>
Refraction number $n_D^{20}$	<b>1.4900 - 1.5130</b>
Acid value, mg KOH/g	<b>4 - 11</b>
Ester value, mg KOH/g	<b>13 - 30</b>

## ABSOLUTE CONTENT OF COMPOUNDS (USING GC), %

Ethanol	<b>&lt; 2.0</b>	Geraniol	<b>2,5 - 7,5</b>
Phenylethyl alcohol	<b>45.0 - 71.0</b>	Eugenol	<b>0,9 - 2,2</b>
$\beta$ -Citronelol + Nerol	<b>7.5 - 18.5</b>	Methyleugenol	<b>0,3 - 0,8</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Clary Sage concrete and absolute



INCI: **Salvia Sclarea concrete / absolute**

BOTANICAL ORIGIN: **Salvia Sclarea**

PLANT PART: **Flower tops**

CAS: **8016-63-5**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional only**

MOQ: **5KG (rose concrete) / 0.1KG (rose absolute)**

PACKAGING: **Aluminium containers: 0.1KG, 0.5KG, 1KG, 2KG, 5KG**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By air**

HARVEST TIME: **April - October**

APPLICATION: **tobacco industry / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>vaseline mass (concrete) / viscousse liquid (absolute)</b>
Method of extraction	<b>solvent extraction</b>
Color	<b>green to brown</b>
Odor	<b>strong dense smell reminiscent of amber</b>

## ABSOLUTE PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.950 - 0.960</b>
Refraction number $n_{D}^{20}$	<b>1.485 - 1.505</b>
Acid value, mg KOH/g	<b>25 - 30</b>
Ester value, mg KOH/g	<b>87 - 91</b>
Absolute content in concrete	<b>82 - 87</b>

## MAIN COMPONENT IN ABSOLUTE

Sclareol	<b>positive</b>
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*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# German Chamomile concrete and absolute



INCI: **Matricaria Recutita concrete / absolute**

BOTANICAL ORIGIN: **Matricaria Recutita**

PLANT PART: **Flower tops**

CAS: **8002-66-2**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional only**

MOQ: **5KG (rose concrete) / 0.1KG (rose absolute)**

PACKAGING: **Aluminium containers: 0.1KG, 0.5KG, 1KG, 2KG, 5KG**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By air**

HARVEST TIME: **May - June**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>vaseline mass (concrete) / viscousse liquid (absolute)</b>
Method of extraction	<b>solvent extraction</b>
Color	<b>blue</b>
Odor	<b>sweet, herbal, fruity-tea, strong penetrating aroma</b>

## MAIN COMPONENT IN ABSOLUTE

Farnesene	<b>positive</b>
Germacrene D	<b>positive</b>
Chamazulene	<b>positive</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Lavender concrete and absolute



INCI: **Lavandula Angustifolia concrete / absolute**

BOTANICAL ORIGIN: **Lavandula Angustifolia**

PLANT PART: **Flower tops**

CAS: **800-28-0**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional only**

MOQ: **5KG (rose concrete) / 0.1KG (rose absolute)**

PACKAGING: **Aluminium containers: 0.1KG, 0.5KG, 1KG, 2KG, 5KG**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By air**

HARVEST TIME: **July**

APPLICATION: **perfumery / well-being / cosmetics / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>vaseline mass (concrete) / viscousse liquid (absolute)</b>
Method of extraction	<b>solvent extraction</b>
Color	<b>green to brown</b>
Odor	<b>fresh, cleanly grassy with balsamic, woody and sometimes sweet and warm notes</b>

## ABSOLUTE PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.930 - 0.945</b>
Refraction number $n_D^{20}$	<b>1.472 - 1.482</b>
Acid value, mg KOH/g	<b>&lt; 15.0</b>
Ester value, mg KOH/g	<b>&gt; 100</b>
Absolute content in concrete	<b>&gt; 65%</b>

## MAIN COMPONENT IN ABSOLUTE

Linalyl Acetate	<b>30.0 - 41.0</b>	Coumarin	<b>10.0 - 30.0</b>
Bornyl acetate	<b>9.0 - 11.0</b>	Terpinen-4-ol	<b>&lt; 6.0</b>
Linalool	<b>16.0 - 26.0</b>		

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Linden Tree concrete and absolute



INCI: **Tilia Cordata concrete / absolute**

BOTANICAL ORIGIN: **Tilia Cordata**

PLANT PART: **Blossom**

CAS: **84929-52-2 ; 68916-81-4**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional only**

MOQ: **5KG (rose concrete) / 0.1KG (rose absolute)**

PACKAGING: **Aluminium containers: 0.1KG, 0.5KG, 1KG, 2KG, 5KG**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By air**

HARVEST TIME: **June - September**

APPLICATION: **perfumery / cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>vaseline mass (concrete) / viscousse liquid (absolute)</b>
Method of extraction	<b>solvent extraction</b>
Color	<b>yellow</b>
Odor	<b>Warm, floral, honey-like with a slightly citrus-like note</b>

## ABSOLUTE PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.932 - 0.946</b>
Refraction number $n_{D}^{20}$	<b>1.472 - 1.482</b>

## MAIN COMPONENT IN ABSOLUTE

Phenylethyl alcohol	<b>positive</b>
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# Marigold concrete and absolute



INCI: **Calendula Officinalis concrete / absolute**

BOTANICAL ORIGIN: **Calendula Officinalis**

PLANT PART: **Flower tops**

CAS: **70892-20-5**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional only**

MOQ: **5KG (rose concrete) / 0.1KG (rose absolute)**

PACKAGING: **Aluminium containers: 0.1KG, 0.5KG, 1KG, 2KG, 5KG**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By air**

HARVEST TIME: **September - October**

APPLICATION: **perfumery / cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>vaseline mass (concrete) / viscousse liquid (absolute)</b>
Method of extraction	<b>solvent extraction</b>
Color	<b>yellow to organge amber</b>
Odor	<b>Warm, floral, honey-like with a slightly citrus-like note</b>

## ABSOLUTE PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.910 - 0.930</b>
Refraction number $n_{D}^{20}$	<b>1.490 - 1.510</b>

## MAIN COMPONENT IN ABSOLUTE

o-Cadinene	<b>5.0 - 12.0</b>
Germacrene-D	<b>0.5 - 3.0</b>
T-Cadinol	<b>0.8 - 3.0</b>
y-Cadinene	<b>0.1 - 2.6</b>
a-Cadinol	<b>0.1 - 2.5</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Mursal tea concrete and absolute



INCI: **Sideritis Scardica concrete / absolute**

BOTANICAL ORIGIN: **Sideritis Scardica**

PLANT PART: **Aerial plant part**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional only**

MOQ: **5KG (rose concrete) / 0.1KG (rose absolute)**

PACKAGING: **Aluminium containers: 0.1KG, 0.5KG, 1KG, 2KG, 5KG**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By air**

HARVEST TIME: **June - September**

APPLICATION: **perfumery / cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>vaseline mass (concrete) / viscousse liquid (absolute)</b>
Method of extraction	<b>solvent extraction</b>
Color	<b>yellow to brown</b>
Odor	<b>Warm, floral, honey-like balsamic</b>

## MAIN COMPONENT IN ABSOLUTE

Carvacrol	<b>positive</b>
Dodecanoic acid	<b>positive</b>
Hexadecanoic acid	<b>positive</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Oakmoss concrete and absolute



INCI: **Evernia Prunastri concrete / absolute**

BOTANICAL ORIGIN: **Evernia Prunastri**

PLANT PART: **Aerial plant part**

CAS: **9000-50-4 ; 90028-68-5**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional only**

MOQ: **5KG (rose concrete) / 0.1KG (rose absolute)**

PACKAGING: **Aluminium containers: 0.1KG, 0.5KG, 1KG, 2KG, 5KG**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By air**

HARVEST TIME: **March - November**

APPLICATION: **perfumery / cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>vaseline mass (concrete) / viscousse liquid (absolute)</b>
Method of extraction	<b>solvent extraction</b>
Color	<b>green to brown</b>
Odor	<b>heavy, musky, agrestic aroma with woody note</b>

## ABSOLUTE PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.860 - 0.950</b>
Refraction number $n_D^{20}$	<b>1.450 - 1.465</b>
Acid value, mg KOH/g	<b>20.0 - 32.0</b>
Ester value, mg KOH/g	<b>92.0 - 115.0</b>
Absolute content in concrete	<b>&gt; 60%</b>

## MAIN COMPONENT IN ABSOLUTE

Methyl- $\beta$ -orcyn carboxylate	<b>positive</b>
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*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Sage

## concrete and absolute



INCI: **Sage Officinalis concrete / absolute**  
BOTANICAL ORIGIN: **Sage Officinalis**  
PLANT PART: **Aerial plant part**  
CAS: **8022-56-8**  
COUNTRY OF ORIGIN: **Bulgaria**  
VARIETY: **Conventional only**  
MOQ: **5KG (rose concrete) / 0.1KG (rose absolute)**  
PACKAGING: **Aluminium containers: 0.1KG, 0.5KG, 1KG, 2KG, 5KG**  
SHELF LIFE: **3 years. Retest in 1 years.**  
SHIPPING: **By air**  
HARVEST TIME: **May - August**  
APPLICATION: **perfumery / cosmetics / well-being / pharmaceutical**

### GENERAL INFORMATION

Appearance	<b>vaseline mass (concrete) / viscousse liquid (absolute)</b>
Method of extraction	<b>solvent extraction</b>
Color	<b>green to brown</b>
Odor	<b>Warm amber note with a floral lavender and long lasting honey tobacco character</b>

### ABSOLUTE PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.903 - 0.925</b>
Refraction number $n_D^{20}$	<b>1.457 - 1.469</b>

### MAIN COMPONENT IN ABSOLUTE

Thujone	<b>positive</b>
Camphor	<b>positive</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Tobacco concrete and absolute



INCI: **Nicotiana Tabacum (Tobacco) Extract**

BOTANICAL ORIGIN: **Nicotiana Tabacum L.**

PLANT PART: **Leaves**

CAS: **8037-19-2 / 84961-66-0**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional only**

MOQ: **5KG (rose concrete) / 0.1KG (rose absolute)**

PACKAGING: **Aluminium containers: 0.1KG, 0.5KG, 1KG, 2KG, 5KG**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By air**

HARVEST TIME: **September - October**

APPLICATION: **Perfumery / tobacco industry / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>vaseline mass (rose concrete) / viscousse liquid (rose absolute)</b>
Method of extraction	<b>solvent extraction</b>
Color	<b>brown to dark brown</b>
Odor	<b>strong penetrating lasting typical tobacco smell with a light floral note with a spicy undertone</b>

## ABSOLUTE PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.9502 - 0.9910</b>
Refraction number $n_d^{20}$	<b>1.4900 - 1.5130</b>
Acid value, mg KOH/g	<b>&gt; 20.0</b>
Ester value, mg KOH/g	<b>58.0 - 80.0</b>

## MAIN COMPONENT IN ABSOLUTE

Content of nicotine	<b>negative</b>
Ethyl alcohol	<b>&lt; 1.0</b>

\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.

# Valerian concrete and absolute



INCI: **Valeriana Officinalis concrete / absolute**

BOTANICAL ORIGIN: **Valeriana Officinalis**

PLANT PART: **Aerial plant part**

CAS: **8057-49-6**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional only**

MOQ: **5KG (rose concrete) / 0.1KG (rose absolute)**

PACKAGING: **Aluminium containers: 0.1KG, 0.5KG, 1KG, 2KG, 5KG**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By air**

HARVEST TIME: **August - September**

APPLICATION: **well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>vaseline mass (concrete) / viscousse liquid (absolute)</b>
Method of extraction	<b>solvent extraction</b>
Color	<b>amber to brown</b>
Odor	<b>balsamic green sweet woody</b>

## MAIN COMPONENT IN ABSOLUTE

Camphene	<b>positive</b>
Bornyl acetate	<b>positive</b>

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# Zdravetz concrete and absolute



INCI: **Geranium Macrorrhizum concrete / absolute**

BOTANICAL ORIGIN: **Geranium Macrorrhizum**

PLANT PART: **Aerial plant part**

CAS: **92347-05-2**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional only**

MOQ: **5KG (rose concrete) / 0.1KG (rose absolute)**

PACKAGING: **Aluminium containers: 0.1KG, 0.5KG, 1KG, 2KG, 5KG**

SHELF LIFE: **3 years. Retest in 1 years.**

SHIPPING: **By air**

HARVEST TIME: **December - February**

APPLICATION: **Perfumery / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>vaseline mass (concrete) / viscousse liquid (absolute)</b>
Method of extraction	<b>solvent extraction</b>
Color	<b>yellow to green</b>
Odor	<b>Fresh, green note</b>

## ABSOLUTE PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.9630 - 0.9988</b>
Refraction number $n_{D}^{20}$	<b>1.5055 - 1.5262</b>
Acid value, mg KOH/g	<b>29.0 - 41.0</b>
Ester value, mg KOH/g	<b>13.0 - 33.0</b>

## ABSOLUTE CONTENT OF COMPOUNDS (USING GC), %

Germacrene	<b>positive</b>
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# Floral waters (Hydrosols)



# Anise seed water



INCI: **Pimpinella anisum water**

BOTANICAL ORIGIN: **Pimpinella anisum**

PLANT PART: **Seeds**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June - August**

APPLICATION: **cosmetics / well-being / pharmaceutical / food industry**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>Anise smell and sweet taste</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneous & conditionally pathogeneous germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

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# Bulgarian Rose water



INCI: **Rosa Damascena Flower water**

BOTANICAL ORIGIN: **Rosa Damascena P. Miller**

PLANT PART: **Flowers**

CAS: **90106-38-0**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **May - June**

APPLICATION: **cosmetics / aromatherapy / well-being / pharmaceutical / Perfumery / food industry**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>water-steam distillation</b>
Color	<b>colourless</b>
Odor	<b>Strong top note, penetrating floral aroma, warm, rich with honey and spicy notes with long lasting effect</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.992 - 0.999</b>
Content of essential oil, % (m/m)	<b>&gt; 0.025</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Bulgarian Rose Alba water



INCI: **Rosa Alba Flower water**

BOTANICAL ORIGIN: **Rosa Alba**

PLANT PART: **Flowers**

CAS: **90106-38-0**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **May - June**

APPLICATION: **cosmetics / aromatherapy / well-being / pharmaceutical / Perfumery / food industry**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>water-steam distillation</b>
Color	<b>colourless</b>
Odor	<b>gentle top note, floral rich penetrating aroma, slightly spicy with honey notes</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.992 - 0.999</b>
Content of essential oil, % (m/m)	<b>&gt; 0.025</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

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# Clary Sage water



INCI: **Slavia Sclarea water**

BOTANICAL ORIGIN: **Slavia Sclarea**

PLANT PART: **Flower tops**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **May - August**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>Characteristic of the flower smell resembling lavender, bergamot and amber</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

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# Garlic Leaf water



INCI: **Allium Sativum water**

BOTANICAL ORIGIN: **Allium Sativum**

PLANT PART: **Leaves**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **May - June**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>Characteristic of the plant smell</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneous & conditionally pathogeneous germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# German Chamomile water



INCI: **Matricaria Recutita**(German Chamomile) Water

BOTANICAL ORIGIN: **Matricaria Recutita**

PLANT PART: **Flower tops**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **May - June**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>sweet, herbal, fruity-tea, strong penetrating aroma</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Hyssop water



INCI: **Hyssopus Officinalis water**

BOTANICAL ORIGIN: **Hyssopus Officinalis**

PLANT PART: **Flower tops**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **July - August**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>Strong sweet and warm, spicy-camphorous odor and slightly bitter taste</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.

# Immortelle water



INCI: **Helichrysum Italicum water**

BOTANICAL ORIGIN: **Helichrysum Italicum**

PLANT PART: **Flower tops**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **July - August**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>specific, sweet, honey-like</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneous & conditionally pathogeneous germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*



# Juniper water



INCI: **Juniper Berry / Needle water**

BOTANICAL ORIGIN: **Juniperus communis**

PLANT PART: **Berries / Needles**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **October - November / February - April**

APPLICATION: **cosmetics / aromatherapy / fragrance / well-being / pharmaceutical / food industry**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>Characteristic junipery, pine-balsamic odor and a bitter, fiery, parsamic taste</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.

# Lavender water



INCI: **Lavandula Angustifolia water**

BOTANICAL ORIGIN: **Lavandula Angustifolia**

PLANT PART: **Flower tops**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **July**

APPLICATION: **cosmetics / fragrance / well-being / pharmaceutical / food industry**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>fresh, cleanly grassy with balsamic, woody and sometimes sweet and warm notes</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>3.5 - 6.0</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.

# Linden Tree water



INCI: **Tilia Cordata water**

BOTANICAL ORIGIN: **Tilia Cordata**

PLANT PART: **Blossoms**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June - September**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>Warm, floral, honey-like with a slightly citrus-like note</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Marigold water



INCI: **Calendula Officinalis water**

BOTANICAL ORIGIN: **Calendula Officinalis**

PLANT PART: **Flower tops**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **September - October**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>woody and musky scent</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneous & conditionally pathogeneous germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Melissa water



INCI: **Melissa Officinalis Leaf water**

BOTANICAL ORIGIN: **Melissa Officinalis**

PLANT PART: **Leaves**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June - September**

APPLICATION: **cosmetics / well-being / pharmaceutical / perfumery**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>specific, pleasant, lemon smell and bitter-spicy taste</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Mint water



INCI: **Mentha Piperita Water**

BOTANICAL ORIGIN: **Mentha Piperita**

PLANT PART: **Leaves**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June - October**

APPLICATION: **food and beverages / cosmetics / aromatherapy / fragrance / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>Characteristic mint smell, dense and nuanced and with a cooling, non-bitter taste</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.

# Nettle water



INCI: **Urtica Dioica water**

BOTANICAL ORIGIN: **Urtica Dioica**

PLANT PART: **Leaves**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June - August**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>pleasant, green, herbal scent characteristic of nettle</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

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# Oregano water



INCI: **Oreganum Vulgare water**

BOTANICAL ORIGIN: **Oreganum Vulgare**

PLANT PART: **Leaves**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June - August**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>Note of phenol, rural</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneous & conditionally pathogeneous germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

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# Roman Chamomile water



INCI: **Anthemis Nobilis Flower oil**

BOTANICAL ORIGIN: **Anthemis Nobilis**

PLANT PART: **Flower tops**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June - September**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>fruity ethereal smell and slightly fiery taste</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

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# Rosehip Flower water



INCI: **Rosa Canina Flower water**

BOTANICAL ORIGIN: **Rosa Canina**

PLANT PART: **Flower tops**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June - July**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>Characteristic smell, having a warm and earthy tone</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

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# Rosemary water



INCI: **Rosmarinus Officinalis Leaf water**

BOTANICAL ORIGIN: **Rosmarinus Officinalis**

PLANT PART: **Leaves**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **April - September**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>a characteristic, fresh, pleasant but harsh smell with a balsamic-woody and faint camphor note</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

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# Sage water



INCI: **Rosmarinus Officinalis water**

BOTANICAL ORIGIN: **Sage Officinalis**

PLANT PART: **Aerial plant part**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **May - August**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>a characteristic camphor and spice risis, with a spicy and bitter taste</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

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# Scots Pine water



INCI: **Pinus Silvestris water**

BOTANICAL ORIGIN: **Sage Officinalis**

PLANT PART: **Needles**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **March - December**

APPLICATION: **cosmetics / fragrance / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>Typical pine, balsamic-fresh smell</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneous & conditionally pathogeneous germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

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# Silver Fir water



INCI: **Abies Alba Needle water**

BOTANICAL ORIGIN: **Abies Alba**

PLANT PART: **Needles**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **March - December**

APPLICATION: **cosmetics / well-being / pharmaceutical / Perfumery**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>pleasant, fresh fir smell with a balsamic note</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

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# St. John's Wort water



INCI: **Hypericum Perforatum water**

BOTANICAL ORIGIN: **Hypericum Perforatum**

PLANT PART: **Flower tops**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **May - August**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>clear herbaceous aroma with a soft, earthy and mildly sweet note</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Sumac water



INCI: **Cotinus Obovatus water**

BOTANICAL ORIGIN: **Cotinus Obovatus**

PLANT PART: **Flower tops**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **May - June**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>Resinous, balsamic aroma with a green hint and a subtle tinge of bark</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*



# Thyme water



INCI: **Thymus Serpyllum water**

BOTANICAL ORIGIN: **Thymus Serpyllum**

PLANT PART: **Aerial parts**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **May - June**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>strong pleasant thyme smell and sharp fiery taste</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Walnut Leaves water



INCI: **Juglans Regia water**

BOTANICAL ORIGIN: **Juglans Regia**

PLANT PART: **Leaves**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **July - September**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>Earthy note with a hint of citrus note</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# White Wormwood water



INCI: **Artemisia Vulgaris oil water**

BOTANICAL ORIGIN: **Artemisia Vulgaris oil**

PLANT PART: **Aerial plant part**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **August - October**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>Characteristic, bitter, herbal-spice smell</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Wormwood Sweet water



INCI: **Artemisia Annua water**

BOTANICAL ORIGIN: **Artemisia Annua**

PLANT PART: **Aerial plant part**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **September - October**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>Characteristic, bitter, herbal-spice smell</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Yarrow water



INCI: **Achillea Millefolium water**

BOTANICAL ORIGIN: **Achillea Millefolium**

PLANT PART: **Flower tops**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **June - July**

APPLICATION: **cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>Sharp, woody, herbaceous, fruity and somewhat sweet</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

Total heterotrophic germs, mould and fungi contents, CfU/cm <sup>3</sup>	<b>&lt; 10</b>
Pathogeneus & conditionally pathogeneus germs of: Staphylococcus aureus; Pseudomonas aeruginosa, E. coli, Candida albicans	<b>None</b>

*\* The shown data is according to different international and national standards or to the best of our knowledge and product values may differ.*

# Zdravetz water



INCI: **Geranium Macrorrhizum (Zdravetz) Water**

BOTANICAL ORIGIN: **Geranium Macrorrhizum**

PLANT PART: **Aerial plant part**

COUNTRY OF ORIGIN: **Bulgaria**

VARIETY: **Conventional and organic certified**

MOQ: **25KG**

PACKAGING: **25KG Jerry can, 180KG Plastic drum, 1MT IBC Container**

SHELF LIFE: **2 years. Retest in 1 years.**

SHIPPING: **By road / sea / air**

HARVEST TIME: **December / January / February**

APPLICATION: **fine fragrance / cosmetics / well-being / pharmaceutical**

## GENERAL INFORMATION

Appearance	<b>mobile liquid</b>
Method of extraction	<b>steam distillation</b>
Color	<b>colourless</b>
Odor	<b>Sharp, woody, herbaceous, fruity and somewhat sweet</b>

## PHYSICAL AND CHEMICAL PROPERTIES

Specific Density $d_{20}^{20}$	<b>0.994 - 0.1000</b>
Content of essential oil, % (m/m)	<b>&gt; 0.04</b>
Content of Ethyl alcohol, % (v/v)	<b>&lt; 4.0</b>
pH (direct) 20 °C	<b>4.0 - 7.5</b>

## MICROBIOLOGICAL TESTS

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