Essential oils are pure reflections of the botanicals from which they’re derived, but their production is an extremely complicated process with a multitude of variables, each of which has a significant impact on the quality of the final product. Raw material supply is one of the most important of these variables. Over the years NOW® Solutions has established long-standing relationships with many of our growers, which help us assure the quality and availability of the raw materials used for our essential oils. However, factors such as global market conditions and unanticipated weather events can affect the supply of certain oils from year-to-year and even season-to-season. As with many natural products, when supply is constrained there is concern regarding quality. Over the years we’ve seen examples of dilution, substitution, and even the use of synthetic alternatives masquerading as their natural counterparts.

So how does NOW Solutions consistently assure the identity and purity of our essential oils? How do we protect retailers and consumers and ensure they’re getting the product they paid for? We utilize state-of-the-art testing and analysis as well as numerous checks and balances, including:

- Identity and purity testing
- Use of The Essential Oils compendium by Ernest Guenther, Ph.D. and Fenaroli’s Handbook of Flavor Ingredients, edited by George A. Burdock, Ph.D., to verify the correct essential oil species
- Supplier/grower track record of providing high quality materials
- Aroma comparisons
- Review of essential oil processing to ensure that appropriate extraction methods are used
- Appropriate cautionary and regulatory language

Because identity and purity are key attributes of any essential oil, testing for these attributes is the best way to ensure an oil’s quality. At NOW Solutions our identity and purity testing program consists of four individual tests.

1. GAS CHROMATOGRAPHY This sophisticated analytical technique utilizes specialized technology to separate an essential oil into its major components for analysis. Our chemists take the results of the analysis and juxtapose them with standard test results for the specific oil, carefully comparing specific peaks and lines that correspond to critical components in the oil. Lines or peaks in the sample that don’t correspond to standard test results indicate adulteration. NOW owns and operates several gas chromatographs, with an entire in-house laboratory devoted to this method of analysis.

2. INFRARED SPECTROSCOPY Another sophisticated analytical technique we utilize is infrared spectroscopy. For this analysis, a sample is treated with energy, which causes the chemical bonds in the sample material to vibrate. Every compound has a different vibrational pattern (called spectra) due to its distinct bonds, and this pattern serves as a “fingerprint” for the material being tested. Highly trained chemists compare the spectra of the sample against standard spectra to determine that critical components are present and that no adulterants are present.

Although the two techniques are vastly different, when used together, gas chromatography and infrared spectroscopy provide incredibly powerful assurance of identity and purity. The two methods together are not just additive (10 +10) but multiplicative (10 x10). In analytical chemistry this is referred to as increased power of confirmation.
3. **REFRACTIVE INDEX** Refractive index describes an analytical technique in which light is passed through a sample material. The speed and wavelength at which the light passes through the sample is measured and then compared against the speed and wavelength at which the light passes through a vacuum. All substances will affect light differently due to their unique chemical composition, so the difference in speed and wavelength indicates not only the identity of the substance but, more importantly, the purity of the substance. An oil that has been diluted with other substances would display an unacceptable variance in refractive index. Refractive index alone is not sufficient to indicate purity since it is a physical analytical technique. When combined with other tests however, it becomes very powerful.

4. **SPECIFIC GRAVITY** This relatively simple but highly effective analytical technique compares the density of a material sample to a reference sample for the purpose of verifying identity. Any adulteration will show up as an unacceptable variance in specific gravity, allowing our technicians to accurately determine the identity and purity of a substance. As with refractive index, specific gravity is very powerful when combined with the other tests we employ.

The combination of gas chromatography, infrared spectroscopy, refractive index, and specific gravity, and the ability to perform these sophisticated tests in-house and on-demand, provides NOW Solutions and our customers with powerful assurance of the identity and purity of our essential oils. These tests are performed on all of our essential oils.

In the following pages we’ve provided the most current examples of these tests for individual oils. These tests are current as of the publication of this booklet (July 2014). However, our Quality Assurance Group will update these tests at regular intervals, or sooner if we begin working with a new grower/supplier, or when there’s a known issue with the supply of a specific oil. Current testing data for all of our products is maintained by our Quality Assurance Group.

† **NOW Solutions essential oil blends are produced with individual oils that have already been tested.**

---

**Food Grade and Therapeutic Grade:**

We’re often asked if our essential oils are edible, or “food grade”. All of our citrus oils, and other specific edible oils, are from edible plants. If you recognize the source of these oils as food (i.e. peppermint, oregano, cinnamon bark), then natural extraction methods such as steam distillation and cold pressing do nothing to change this quality, and these methods do not make the oil toxic. However, in order for us to claim an essential oil is food grade we would have to sell the oil as a food product and include a Nutrition Facts panel on the label, as required by law. Brands that claim their essential oils are food grade should display a Nutrition Facts panel on their label.

Our oils are intended for aromatherapy and are labeled as such. Additionally, we include cautionary language created by the American Herbal Products Association (AHPA) intended to protect consumers from misuse of the product. Some presumably food grade oils do have specific cautions against internal use that should be followed. Please note that our essential oils are highly concentrated and thus caution should be taken if you consume them. Oils that are not food grade will have the statement “Not for Internal Use” in the caution box on the label. If you have questions regarding the use of any NOW Solutions essential oil please contact our Certified Nutritionists by calling 888-669-3663 and choosing option 5 or by emailing productinfo@nowfoods.com.

Therapeutic-grade essential oils are oils that a third party pharmacopeia or other statutory organization has (supposedly) created monographs for, which can be used by any brand as a measure of quality. We’ve reviewed the information regarding this grade and have concluded that “therapeutic grade” is just a marketing term used by some brands, with no authoritative body or organization behind the term.

At NOW Solutions we take assurance of the quality and purity of our essential oils very seriously. We’ve made long-term investments in the instrumentation and the professional staff necessary to assure the identity, purity and quality of our essential oils, and we work closely with our growers and suppliers to ensure the quality of our raw materials. By ensuring all aspects of essential oil quality we guarantee that what’s on the label is what our customers get in the bottle.
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<td>Ylang Ylang</td>
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PHYSICAL CHARACTERISTICS

Specific Gravity: 0.976–0.988
Refractive Index: 1.553–1.560

Chemical Characteristics

Name: Anise

INCI NAME: Illicium verum
Plant Part: Ripened seed of plant
Processing: Steam Distillation

Ingredients: 100% pure star anise oil.
Aroma: Licorice-like, spicy.
Benefits: Uplifting, balancing, comforting.
Mixes Well With: Cedarwood oil, lime oil, orange oil, vanilla concentrate oil
Extraction Method: Steam Distilled from ripened seed of plant.

Purity Tested/Quality Assured: Illicium verum

Caution: Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

Suggested Use: For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution rates.

Natural essential oils are highly concentrated and should be used with care.

Manufactured by NOW Foods, Bloomingdale, IL 60108, U.S.A.
www.nowfoods.com

Infrared Spectrum

Chemical Characteristics

Gas Chromatogram

Absorbance

Wavelength

Time

Intensity
**Infrared Spectrum**

**Chemical Characteristics**

**Gas Chromatogram**

### Physical Characteristics

- **Specific Gravity:** 0.920–0.945
- **Refractive Index:** 1.5061–1.513

### Chemical Characteristics

**Gas Chromatogram**

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**Atlas Cedar**

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

**Ingredients:** 100% pure atlas cedar oil.

**Aroma:** Sweet, woody

**Benefits:** Grounding, centering, balancing.

**Male Clarity Blend:** Add 1 drop of atlas cedar oil, 2 drops of cypress oil and 5 drops of sandalwood oil blend to a diffuser and enjoy.

**Extraction Method:** Steam Distilled from finely chopped wood.

**Purity Tested/Quality Assured**

**CAUTION:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**INCI NAME:** Cedrus atlantica

**Plant Part:** Finely chopped wood

**Processing:** Steam Distillation

**Code 7526**
Balsam Fir Needle

Suggested Use: For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios.

Natural essential oils are highly concentrated and should be used with care.

Caution: Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

Ingredients: 100% pure balsam fir needle oil.

Aroma: Pleasant, woodsy.

Benefits: Empowering, balancing, strengthening.

Mixes Well With: frankincense oil, myrrh oil, pine oil, sandalwood oil blend.

Extraction Method: Steam Distilled from Abies balsamea needles.

Purity Tested/Quality Assured.

Manufactured by NOW Foods Bloomingdale, IL 60108, U.S.A. www.nowfoods.com

INCI NAME: Abies balsamea

Plant Part: Needles

Processing: Steam Distillation

PHYSICAL CHARACTERISTICS

Specific Gravity: 0.872-0.878

Refractive Index: 1.473-1.476

CHEMICAL CHARACTERISTICS

Gas Chromatogram

Infrared Spectrum
PHYSICAL CHARACTERISTICS

Specific Gravity: 0.952 – 0.973

Refractive Index: 1.512-1.520

CHEMICAL CHARACTERISTICS

Gas Chromatogram

Infrared Spectrum

Suggested Use: For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

Caution: Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

Ingredients: 100% pure basil oil.

Aroma: Warm, spicy.

Benefits: Uplifting, energizing, purifying.

Wake Up & Focus Blend: Add 1 drop of basil oil, 2 drops each of lemon oil and ylang ylang oil to a diffuser and enjoy.

Extraction Method: Steam Distilled from plant’s leaves.

Purity Tested/Quality Assured

INCI NAME: Ocimum basilicum

Plant Part: Leaves

Processing: Steam Distillation

100% pure basil
Ocimum basilicum

Net 1 fl. oz. (30 mL)
**Bergamot**

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Do not use on skin. Reacts strongly to sunlight and other sources of ultraviolet light.

**Ingredients:** 100% pure bergamot oil.
**Aroma:** Sweet, fruity.
**Benefits:** Lively, inspiring, uplifting.
**Mixes Well With:** cedarwood oil, rosewood oil, tangerine oil, chamomile oil.

**Extraction Method:** Cold Pressed from fresh fruit peel.

**Purity Tested/Quality Assured**

**INCI NAME:** Citrus bergamia

**Plant Part:** Fresh fruit peel

**Processing:** Cold Pressed

**PHYSICAL CHARACTERISTICS**

Specific Gravity: 0.875 – 0.880
Refractive Index: 1.465–1.468

**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

**Infrared Spectrum**
**PHYSICAL CHARACTERISTICS**

Specific Gravity: 0.860-0.890

Refractive Index: 1.456-1.480

**CHEMICAL CHARACTERISTICS**

100% pure camphor oil.

**Aroma:** Penetrating, medicinal.

**Benefits:** Purifying, energizing, invigorating.

Mixes Well With: cinnamon oil, frankincense oil, rosemary oil.

**Extraction Method:** Fractional distillation of crude decamphorized oil.

**Purity Tested/Quality Assured**

**INCI NAME:** Cinnamomum camphora

**Plant Part:** Crude decamphorized oil

**Processing:** Fractional Distillation

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

**Ingredients:** 100% pure camphor oil.

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**Specific Gravity**

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**Plot Scale:** 40.0 mV

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Cedarwood

Ingredients: 100% pure cedarwood oil.

Aroma: Warm, woody, balsamic.

Benefits: Stress relief, strengthening, empowering.

Breathe Easy Blend:
Add 1 drop each of cedarwood oil and pine oil, along with 5 drops each of eucalyptus oil and hyssop oil to a diffuser and enjoy.

Extraction Method:
Steam Distilled from Virginia Cedarwood and Cedarwood Texas trees.

Purity Tested/Quality Assured

Caution: Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

INCI NAME: Juniperus virginiana

Plant Part: Wood of Virginian Cedarwood Tree
Processing: Steam Distillation

PHYSICAL CHARACTERISTICS
Specific Gravity: 0.938–0.964
Refractive Index: 1.500–1.505

CHEMICAL CHARACTERISTICS

Gas Chromatogram

Infrared Spectrum
CHAMOMILE

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios.

Natural essential oils are highly concentrated and should be used with care.

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**Ingredients:** 100% pure chamomile oil (Roman).

**Aroma:** Intense sweet, delightful.

**Benefits:** Relaxing, calming, revitalizing.

**Unwind Time Blend:** Add 1 drop of chamomile oil and 2 drops each of lavender oil and sandalwood oil blend to a diffuser and enjoy.

**Extraction Method:** Steam Distilled from plant’s flowers and stalks. Purity Tested/Quality Assured

**INCI NAME:** Anthemis nobilis

**Plant Part:** Flowering Tops

**Processing:** Steam Distillation

### PHYSICAL CHARACTERISTICS

Specific Gravity: 0.892 – 0.910 (0.900 – 0.920)

Refractive Index: 1.440 – 1.450
Cinnamon Cassia

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Do not use on skin.

**Ingredients:** 100% pure cinnamon cassia oil.

**Aroma:** Warm, spicy.

**Benefits:** Warming, stimulating, refreshing.

**Mixes Well With:** frankincense oil, hyssop oil, myrrh oil, cinnamon bark oil

**Extraction Method:** Steam Distilled from plant’s leaves and twigs.

**Purity Tested/Quality Assured**

**InCI NAME:** Cinnamomum cassia

**Plant Part:** Leaves and twigs

**Processing:** Steam Distillation

**PHYSICAL CHARACTERISTICS**

- **Specific Gravity:** 1.053–1.070
- **Refractive Index:** 1.600–1.6135

**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

**Infrared Spectrum**
**PHYSICAL CHARACTERISTICS**

Specific Gravity: 1.010–1.030  
Refractive Index: 1.573–1.591  

**CHEMICAL CHARACTERISTICS**

Ingredients: 100% pure cinnamon bark oil.  
Aroma: Warm, spicy.  
Benefits: Warming, comforting, energizing.  
Mixes Well With: clove oil, nutmeg oil, vanilla concentrate oil, cinnamon cassia oil.  
Extraction Method: Steam Distilled from plant’s dried inner bark.  

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Do not use on skin.

**Infrared Spectrum**

**Gas Chromatogram**

**INCI NAME:** Cinnamomum zeylanicum  
Plant Part: Dried inner bark  
Processing: Steam Distillation

**Code:** 7032  
Manufactured by NOW Foods  
Bloomingdale, IL 60108, U.S.A.  
www.nowfoods.com
PHYSICAL CHARACTERISTICS

Specific Gravity: 0.878–0.895
Refractive Index: 1.466–1.475

CHEMICAL CHARACTERISTICS

Infrared Spectrum

Gas Chromatogram

Suggested Use: For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios.

Natural essential oils are highly concentrated and should be used with care.

Caution: Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

Ingredients: 100% pure citronella oil.
Aroma: Pungent, musky, citrus-like.
Benefits: Clarifying, freshening, purifying.
Mixes Well With: cedarwood oil lavender oil lemon oil lemongrass oil

Extraction Method: Steam Distilled from fresh and dried citronella grass.

Purity Tested/Quality Assured

INCI NAME: Cymbopogon winterianus
Plant Part: Fresh and dried citronella grass
Processing: Steam Distillation

Absorbance

Wavelength

Intensity

Time

Absorbance

Wavelength

4000.0 4500.0 5000.0 5500.0 6000.0 6500.0 7000.0 7500.0 8000.0 8500.0 9000.0

400 450 500 550 600 650 700 750 800 850 900 950

4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0 8.5 9.0 9.5 10.0

Sample Name : CITRONELLA OIL NAT “JAVA”                           Sample #: 002                      Page 1 of 2
FileName    : \tcserver\GC_DATA\2014\APRIL\ag_6890_1\sl_2\19850-307135-509-S.raw
Date : 4/25/2014 3:34:37 PM
Start Time  : 0.00 min          End Time   : 11.52 min            Low Point : 3.34 mV           High Point : 43.34 mV
Plot Offset: 3.34 mV              Plot Scale: 40.0 mV
**PHYSICAL CHARACTERISTICS**

Specific Gravity: 0.878–0.895

Refractive Index: 1.466–1.475

**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

**Infrared Spectrum**

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios.

Natural essential oils are highly concentrated and should be used with care.

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**Ingredients:** Organic citronella oil (100% pure).

**Aroma:** Pungent, musky, citrus-like.

**Benefits:** Clarifying, freshening, purifying.

**Mixes Well With:** cedarwood oil, lavender oil, lemon oil, lemongrass oil.

**Extraction Method:** Steam Distilled from fresh and dried citronella grass.

**Purity Tested/Quality Assured**

**INCI NAME:** Cymbopogon winterianus

**Plant Part:** Fresh and dried citronella grass

**Processing:** Steam Distillation

**Certiﬁed Organic by QAI.**

**Product of Indonesia.**

**Net 1 fl. oz. (30 mL)**

**Distributed by NOW Foods**

**Bloomingdale, IL 60108, USA**

**nowfoods.com/nowsolutions**

**4/C (front text 80% black, side panel text 100% black)**
Clary Sage

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution rates. Natural essential oils are highly concentrated and should be used with care.

**Ingredients:** 100% pure clary sage oil.

**Aroma:** Herbaceous, lavender-like.

**Benefits:** Focusing, stimulating, balancing.

**Refresh Yourself Blend:** Add 1 drop each of clary sage oil, lemon oil and ginger oil to a diffuser and enjoy.

**Extraction Method:** Steam distilled from flowers and leaves.

**INCI NAME:** Salvia sclarea

**Plant Part:** Flowers and leaves

**Processing:** Steam Distillation

**Physical Characteristics**

- **Specific Gravity:** 0.886 – 0.929
- **Refractive Index:** 1.458 – 1.473

**Chemical Characteristics**

**Gas Chromatogram**

**Infrared Spectrum**
**PHYSICAL CHARACTERISTICS**

Specific Gravity: 1.038–1.060
Refractive Index: 1.527–1.535

**INCI NAME:** Eugenia caryophyllus
**Plant Part:** Clove buds, leaves and stems
**Processing:** Steam Distillation

**CHEMICAL CHARACTERISTICS**

**Ingredients:** 100% pure clove oil.
**Aroma:** Warm, pungent.
**Benefits:** Warming, soothing, comforting.

**Blues Relief Blend:** Add 2 drops each of clove oil and lemon oil and 3 drops of orange oil to a diffuser and enjoy.

**Extraction Method:** Steam Distilled from clove buds, leaves and stems.

**Purity Tested/Quality Assured**

**Caution:** Keep out of reach of children. Avoid contact with skin or eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**Code 7540 V4**

**Intended for**

- Aromatherapy use
- Personal care

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution rates.

Natural essential oils are highly concentrated and should be used with care.

**Manufactured by NOW Foods Bloomingdale, IL 60108, U.S.A.**

www.nowfoods.com

**Infrared Spectrum**

**Gas Chromatogram**
Suggested Use: For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

Ingredients: 100% pure cypress oil.

Aroma: Sweet, balsamic, warm overtones of pine/juniper berry.

Benefits: Balancing, clarifying, centering.

Calming Night Blend: Add 4 drops each of cypress oil, lavender oil and marjoram oil to a diffuser and enjoy.

Extraction Method: Steam Distilled from leaves and branches.

Purity Tested/Quality Assured

INCI NAME: Cupressus sempervirens
Plant Part: Leaves and branches
Processing: Steam Distillation

PHYSICAL CHARACTERISTICS
Specific Gravity: 0.860-0.900
Refractive Index: 1.46-1.48

CHEMICAL CHARACTERISTICS

Gas Chromatogram

Infrared Spectrum
Eucalyptus

**100% pure eucalyptus oil. Eucalyptus globulus. Net 1 fl. oz. (30 mL).**

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

Caution: Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**Ingredients:** 100% pure eucalyptus oil.

**Aroma:** Strong aromatic, camphoraceous.

**Benefits:** Revitalizing, invigorating, clarifying.

**Mental Focus Blend:** Add 3 drops of eucalyptus oil, 2 drops each of peppermint oil and tangerine oil to a diffuser and enjoy.

**Extraction Method:** Steam Distilled from leaves and small branches.

**Physical Characteristics**

- Specific Gravity: 0.905–0.925
- Refractive Index: 1.458–1.470

**Chemical Characteristics**

**Infrared Spectrum**

**Gas Chromatogram**

**Infrared Spectrum**

**Notes**

**InCI NAME:** *Eucalyptus globulus*

**Plant Part:** Leaves and small branches

**Processing:** Steam Distillation

**Purity Tested/Quality Assured**
ORGANIC Eucalyptus

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**INCI NAME:** Eucalyptus globulus
**Plant Part:** Leaves and small branches
**Processing:** Steam Distillation

**PHYSICAL CHARACTERISTICS**

- **Specific Gravity:** 0.895–0.930
- **Refractive Index:** 1.458–1.470

**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

- **Infrared Spectrum**

**Ingredients:** Organic eucalyptus oil (100% pure)

**Aroma:** Strong aromatic, camphoraceous

**Benefits:** Revitalizing, invigorating, clarifying

**Mental Focus Blend:** Add 3 drops of organic eucalyptus oil, 2 drops each of organic peppermint oil and tangerine oil to a diffuser and enjoy.

**Extraction Method:** Steam Distilled from leaves and small branches.

**Purity Tested/Quality Assured**

**Manufactured by NOW Foods, Bloomingdale, IL 60108, U.S.A.**

www.nowfoods.com

Certified Organic by Quality Assurance International.

**Net 1 fl. oz. (30 mL)**

100% pure & certified organic eucalyptus Eucalyptus globulus

**INCI NAME:** Eucalyptus globulus

**Plant Part:** Leaves and small branches

**Processing:** Steam Distillation

**Specific Gravity:** 0.895–0.930

**Refractive Index:** 1.458–1.470

**Absorbance**

- **Wavelength**

- **Time**

- **Intensity**
**PHYSICAL CHARACTERISTICS**

Specific Gravity: 0.906–0.927  
Refractive Index: 1.458–1.470

**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

**Infrared Spectrum**
Frankincense

Ingredients: 100% pure frankincense oil.
Aroma: Deep, fresh, with subtle hints of citrus and camphor.
Benefits: Relaxing, focusing, centering.
Mixes Well With: balsam fir needle oil, myrrh oil, orange oil, sandalwood oil blend.
Extraction Method: Steam Distilled from tree resin obtained by exudation of the bark.

Caution: Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

INCI NAME: Boswellia carterii
Plant Part: Tree resin obtained by exudation of the bark
Processing: Steam Distillation

PHYSICAL CHARACTERISTICS
Specific Gravity: 0.862–0.889
Refractive Index: 1.465–1.482

CHEMICAL CHARACTERISTICS

Gas Chromatogram

Infrared Spectrum
Geranium

Suggested Use: For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios.

Natural essential oils are highly concentrated and should be used with care.

Caution: Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

Ingredients: 100% pure geranium oil.

Aroma: Subtly sweet, floral.

Benefits: Purifying, soothing, normalizing.

Daily Balance Blend: Add 2 drops each of geranium oil, rose absolute oil and clary sage oil to a diffuser and enjoy.

Extraction Method: Steam Distilled from fresh plants.

Purity Tested/Quality Assured

InCI NAME: Pelargonium graveolens

Plant Part: Fresh plants

Processing: Steam Distillation

PHYSICAL CHARACTERISTICS

Specific Gravity: 0.884–0.893

Refractive Index: 1.461–1.468

CHEMICAL CHARACTERISTICS

Gas Chromatogram

Infrared Spectrum
**Ginger**

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or nursing, consult your healthcare practitioner before using.

**Ingredients:** 100% pure ginger oil.
**Aroma:** Spicy, warm.
**Benefits:** Balancing, clarifying, stabilizing.
**Blissful Thinking Blend:** Add 1 drop each of ginger oil and orange oil and 2 drops of sandalwood oil blend to a diffuser and enjoy.

**Extraction Method:** Steam Distilled from dried root.

**Purity Tested/Quality Assured**

**INCI NAME:** Zingiber officinale
**Plant Part:** Dried root
**Processing:** Steam Distillation

**PHYSICAL CHARACTERISTICS**

**Specific Gravity:** 0.870–0.882
**Refractive Index:** 1.488–1.494

**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

**Absorbance**

**Infrared Spectrum**

**Absorbance**
**PHYSICAL CHARACTERISTICS**

Specific Gravity: 0.848–0.856

Refractive Index: 1.475–1.478

**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

**Infrared Spectrum**

**Grapefruit**

100% pure

Net 1 fl. oz. (30 mL)

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios.

Natural essential oils are highly concentrated and should be used with care.

**Ingredients:** 100% pure grapefruit oil.

**Aroma:** Sweet, citrus.

**Benefits:** Purifying, cheerful, uplifting.

**Summer Fun Blend:** Add 1 drop each of lavender oil, peppermint oil and grapefruit oil to a diffuser and enjoy.

**Extraction Method:** Cold Pressed from fresh fruit peel.

**Purity Tested/Quality Assured**

**INCI NAME:** Citrus paradisi

**Plant Part:** Fresh fruit peel

**Processing:** Cold Pressed

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Do not use on skin. Reacts strongly to sunlight and other sources of ultraviolet light.

**Code 7553**

**Manufactured by NOW Foods Bloomingdale, IL 60108, U.S.A. www.nowfoods.com**

**Absorbance**

**Wavelength**

**Intensity**

**Time**

**Absorbance**

**Wavelength**

**Response [mV]**
**Helichrysum**

**Suggested Use:** This blend is already pre-diluted and ready for use. Please consult an essential oil book or other professional source for suggested uses.

**Natural essential oils should be handled with care.**

Essential oils blended with carrier oils may clog diffusers; please clean thoroughly after each use.

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or nursing, consult your health care practitioner before using.

**Not for internal use.**

**1 fl. oz. (30 mL)**

**Ingredients:** Pure jojoba oil & pure helichrysum oil (immortelle).

**Aroma:** Sweet, herbaceous, earthy.

**Attributes:** Soothing, rejuvenating, stimulating.

**Mixes Well With:** lavender, bergamot, rose, cypress

**Extraction Method:** Steam Distilled from flowering tops.

**Purity Tested/Quality Assured**

**Helichrysum italicum**

**INCI NAME:** Helichrysum italicum

**Plant Part:** Flowering tops

**Processing:** Steam Distillation

**PHYSICAL CHARACTERISTICS**

- Specific Gravity: 0.880 – 0.920
- Refractive Index: 1.470 – 1.484

**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

**Infrared Spectrum**
Infrared Spectrum

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios.

**Natural essential oils are highly concentrated and should be used with care.**

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**Ingredients:** 100% pure hyssop oil.

**Aroma:** Camphor like.

**Benefits:** Clarifying, refreshing, purifying.

**Open Airways Blend:** Add 6 drops of hyssop oil, 4 drops of lavender oil and 2 drops of peppermint oil to a diffuser and enjoy.

**Extraction Method:** Steam Distilled from plant’s flowering tops and leaves.

**Purity Tested/Quality Assured**

**INCI NAME:** Hyssopus officinalis

**Plant Part:** Flowering tops and leaves

**Processing:** Steam Distillation

**PHYSICAL CHARACTERISTICS**

Specific Gravity: 0.917–0.965

Refractive Index: 1.473 – 1.486

**CHEMICAL CHARACTERISTICS**

Gas Chromatogram

![Gas Chromatogram](image)

![Infrared Spectrum](image)
**PHYSICAL CHARACTERISTICS**

Specific Gravity: 0.945–1.06  
Refractive Index: 1.478–1.530

**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

**Infrared Spectrum**

**Jasmine Absolute**

INCI NAME: Jasminum grandiflorum  
Plant Part: Jasmine flowers  
Processing: Solvent Extracted

**Suggested Use:** This blend is already pre-diluted and ready for use. Please consult an essential oil book or other professional reference source for suggested uses.

**Natural essential oils are highly concentrated and should be used with care.**

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**Ingredients:** Pure jasmine absolute & pure grapeseed oil.  
**Aroma:** Warm, sweet floral.  
**Benefits:** Romantic, relaxing, calming.  
**Relaxing Blend:** Add 2 drops each of jasmine absolute oil and lavender oil along with 15 drops of vanilla concentrate oil to a diffuser and enjoy.  
**Extraction Method:** Solvent Extracted from jasmine flowers, Purely Therapeutically Assessed

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**Absorbance**

**Wavelength**
**PHYSICAL CHARACTERISTICS**

Specific Gravity: 0.854–0.879

Refractive Index: 1.474–1.484

**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

**Infrared Spectrum**

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**Ingredients:** 100% pure juniper berry oil.

**Aroma:** Floral.

**Benefits:** Restoring, empowering, balancing.

**Mixes Well With:**
- Cypress oil
- Eucalyptus oil
- Rosemary oil
- Sage oil

**Extraction Method:** Steam Distilled from fresh peel of fruit.

**INCI NAME:** Juniperus communis

**Plant Part:** Fresh peel of fruit

**Processing:** Steam Distillation

**Specific Gravity:** 0.854–0.879

**Refractive Index:** 1.474–1.484
PHYSICAL CHARACTERISTICS

Specific Gravity: 0.875–0.888
Refractive Index: 1.459–1.470

CHEMICAL CHARACTERISTICS

Ingredients: 100% pure lavender oil.

Aroma: Floral

Benefits: Soothing, normalising, balancing.

Headache Ease Blend:
Add 3 drops each of lavender oil, peppermint oil and chamomile oil to a diffuser and enjoy.

Extraction Method:
Steam Distillation from fresh flowering tops.

Purity Tested/Quality Assured

Lavandula officinalis (spp.)

Caution: Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

Suggested Use: For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

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www.nowfoods.com

INCI NAME: Lavandula officinalis/angustifolia (spp)
Plant Part: Flowering Tops
Processing: Steam Distillation

Infrared Spectrum

Gas Chromatogram
ORGANIC Lavender

**PHYSICAL CHARACTERISTICS**

Specific Gravity: 0.875–0.888  
Refractive Index: 1.459–1.470

**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

**Infrared Spectrum**

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

**Ingredients:** Organic lavender oil (100% pure).

**Aroma:** Floral.

**Benefits:** Soothing, normalizing, balancing.

**Headache Ease Blend:** Add 3 drops each of organic lavender oil, organic peppermint oil and chamomile oil to a diffuser and enjoy.

**Extraction Method:** Steam Distilled from fresh flowering tops.

**Purity Tested/Quality Assured**

**Lavandula angustifolia**

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**INCI NAME:** Lavandula angustifolia  
**Plant Part:** Fresh flowering tops  
**Processing:** Steam Distillation

**Manufactured by NOW Foods**

**Bloomingdale, IL 60108, U.S.A.**

**www.nowfoods.com**

**Certiﬁed Organic by Quality Assurance International.**
**Lemon**

**Infrared Spectrum**

**Chemical Characteristics**

**Gas Chromatogram**

**Physical Characteristics**

**Specific Gravity:** 0.849–0.855

**Refractive Index:** 1.473–1.476

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

**Ingredients:** 100% pure lemon oil.
**Aroma:** Fresh lemon peel.
**Benefits:** Refreshing, cheerful, uplifting.

**Cheer Up Buttercup Blend:** Add 1 drop each of lime oil and grapefruit oil, 2 drops of lemon oil and 6 drops of tangerine oil. Add to a diffuser and enjoy.

**Extraction Method:** Cold Pressed from fresh fruit peel.

**Purity Tested/Quality Assured**

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Do not use on skin. Reacts strongly to sunlight and other sources of ultraviolet light.

**INCI NAME:** Citrus limon

**Plant Part:** Fresh fruit peel

**Processing:** Cold Pressed

**Manufactured by NOW Foods Bloomingdale, IL 60108, U.S.A.**

Infrared Spectrum

**Absorbance**

100.0

Wavelength

Absorbance

0.0

Wavelength

400.0

600.0

800.0

1000.0

1200.0

1400.0

1600.0

1800.0

2000.0

2200.0

2400.0

2600.0

2800.0

3000.0

3200.0

3400.0

Wavelength

400.0

600.0

800.0

1000.0

1200.0

1400.0

1600.0

1800.0

2000.0

2200.0

2400.0

2600.0

2800.0

3000.0

3200.0

3400.0

3600.0

3800.0

Wavelength

**V4 Code 7565**
ORGANIC Lemon

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Do not use on skin. Reactions strongly to sunlight and other sources of ultraviolet light.

**Ingredients:** Organic lemon oil (100% pure).

**Aroma:** Fresh lemon peel.

**Benefits:** Refreshing, cheerful, uplifting.

**Cheer Up Buttercup Blend:** Add 1 drop each of lime oil and grapefruit oil, 2 drops of lemon oil and 6 drops of tangerine oil. Add to a diffuser and enjoy.

**Extraction Method:** Cold Pressed from fresh fruit peel.

**Purity Tested/Quality Assured**

**INCI NAME:** Citrus limon

**Plant Part:** Fresh fruit peel

**Processing:** Cold Pressed

**PHYSICAL CHARACTERISTICS**

- Specific Gravity: 0.849–0.855
- Refractive Index: 1.473–1.476

**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

**Infrared Spectrum**

**Manufactured by NOW Foods**

Bloomingdale, IL 60108, U.S.A.

www.nowfoods.com

Certified Organic by Quality Assurance International.
**Lemongrass**

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using.

**Ingredients:** 100% pure lemongrass oil.

**Aroma:** Strong, lemon-like.

**Benefits:** Purifying, stimulating, cleansing.

**Spring Cleaning Blend:** Add 10 drops of lemongrass oil, 5 drops of lemon oil and 1 drop of eucalyptus oil to a diffuser and enjoy.

**Extraction Method:** Steam Distilled from plant’s leaves.

**Purity Tested/Quality Assured**

**INCI NAME:** Cymbopogon flexuosus

**Plant Part:** Plant leaves

**Processing:** Steam Distillation

**PHYSICAL CHARACTERISTICS**

Specific Gravity: 0.890–0.904

Refractive Index: 1.483–1.489

**CHEMICAL CHARACTERISTICS**

Gas Chromatogram

**Infrared Spectrum**
CHEMICAL CHARACTERISTICS

Gas Chromatogram

Infrared Spectrum

PHYSICAL CHARACTERISTICS

Specific Gravity: 0.855–0.863
Refractive Index: 1.474–1.477
Marjoram

Suggested Use: For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios.

Benefits: Normalizing, comforting, warming.

Mixes Well With: basil oil, clary sage oil, rosemary oil, thyme oil.

Extraction Method: Steam Distilled from the leaves of flowers & plant.

Caution: Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using.

Ingredients: 100% pure marjoram oil.

Aroma: Camphoraceous, slightly medicinal.

Infrared Spectrum

PHYSICAL CHARACTERISTICS

Specific Gravity: 0.914–0.922

Refractive Index: 1.463–1.466

INCI NAME: *Thymus mastichina*

Plant Part: Leaves of flowers and plant

Processing: Steam Distillation

CHEMICAL CHARACTERISTICS

Gas Chromatogram

Infrared Spectrum
PHYSICAL CHARACTERISTICS

Specific Gravity: 0.985–1.014
Refractive Index: 1.5188–1.5274

CHEMICAL CHARACTERISTICS

Gas Chromatogram

Infrared Spectrum

Suggested Use: For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

Caution: Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

Ingredients: 100% pure myrrh oil.

Aroma: Musk, warm.

Benefits: Focusing, centering, meditative.

Mixes Well With: frankincense oil, patchouli oil, sandalwood oil blend, vanilla concentrate oil.

Extraction Method: Steam Distilled from plant’s oleoresin-gum.

Purity Tested/Quality Assured Commiphora myrrha

INCI NAME: Commiphora myrrha
Plant Part: Plant’s oleoresin-gum
Processing: Steam Distillation
Neroli

**Suggested Use:** This blend is already pre-diluted and ready for use. Please consult an essential oil book or other professional reference source for suggested uses.

**Natural essential oils are highly concentrated and should be used with care.**

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**Ingredients:** Pure neroli oil & pure grapeseed oil. 

**Aroma:** Deep, floral aroma.

**Benefits:** Calming, soothing, centering.

**Mixes Well With:** citrus oils, chamomile oil, patchouli oil, ylang ylang oil

**Extraction Method:** Steam Distilled from flowers.

**Purity Tested/Quality Assured**

**INCI NAME:** *Citrus aurantium*

**Plant Part:** Flowers

**Processing:** Steam Distillation

**PHYSICAL CHARACTERISTICS**

- **Specific Gravity:** 0.866–0.881
- **Refractive Index:** 1.469–1.474

**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

**Infrared Spectrum**

**Chemical Analysis:**

- **Absorbance**
- **Time**
- **Wavelength**
- **Absorbance**

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**INCI NAME:** *Citrus aurantium*

**Plant Part:** Flowers

**Processing:** Steam Distillation
**PHYSICAL CHARACTERISTICS**

Specific Gravity: 0.880–0.910
Refractive Index: 1.474–1.488

**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

**Infrared Spectrum**

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios.

Natural essential oils are highly concentrated and should be used with care.

**Ingredients:** 100% pure nutmeg oil.

**Aroma:** Spicy, nutty, soft sweet aroma.

**Benefits:** Energizing, stimulating, warming.

**Mixes Well With:**
- cinnamon bark oil
- clove oil
- orange oil
- vanilla concentrate oil

**Extraction Method:** Steam Distilled from nutmeg seeds.

**Purity Tested/Quality Assured**

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**Ingredients:** 100% pure nutmeg oil.

**Aroma:** Spicy, nutty, soft sweet aroma.

**Benefits:** Energizing, stimulating, warming.

**Mixes Well With:**
- cinnamon bark oil
- clove oil
- orange oil
- vanilla concentrate oil

**Extraction Method:** Steam Distilled from nutmeg seeds.

**Purity Tested/Quality Assured**

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**Infrared Spectrum**
Orange

Infrared Spectrum

**PHYSICAL CHARACTERISTICS**

Specific Gravity: 0.842–0.846

Refractive Index: 1.471–1.474

**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution rates.

Natural essential oils are highly concentrated and should be used with care.

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Do not use on skin. Reactions to sunlight and other sources of ultraviolet light.

**Ingredients:** 100% pure orange oil.

**Aroma:** Fresh, sweet orange peel.

**Benefits:** Refreshing, uplifting, invigorating.

**Orange You Delightful Blend:** Add 10 drops of orange oil and 25 drops of vanilla concentrate oil to a diffuser and enjoy.

**Extraction Method:** Cold Pressed from fresh fruit peel.

**Purity Tested/Quality Assured**

**INCI NAME:** Citrus sinensis

**Plant Part:** Fresh fruit peel

**Processing:** Cold Pressed

**Absorbance**

**Wavelength**

**Time**

**Intensity**
PHYSICAL CHARACTERISTICS

Specific Gravity: 0.842–0.846
Refractive Index: 1.471–1.474

CHEMICAL CHARACTERISTICS

Suggested Use:
For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

Caution:
Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Do not use on skin. Reacts strongly to sunlight and other sources of ultraviolet light.

Infrared Spectrum

Gas Chromatogram

INGREDIENTS:
Organic orange oil (100% pure).

Aroma:
Fresh, sweet orange peel.

Benefits:
Refreshing, uplifting, invigorating.

Orange You Delightful Blend:
Add 10 drops of orange oil and 25 drops of vanilla concentrate oil to a diffuser and enjoy.

Extraction Method:
Cold Pressed from fresh fruit peel.

Purity Tested/Quality Assured

INCI NAME:
Citrus sinensis

Plant Part:
Fresh fruit peel

Processing:
Cold Pressed
PHYSICAL CHARACTERISTICS

Infrared Spectrum

Oregano

CHEMICAL CHARACTERISTICS

Gas Chromatogram

100% pure
Net 1 fl. oz. (30 mL)

Suggested Use:
For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

Ingredients:
100% pure oregano oil.

Aroma:
Spicy, camphoraceous.

Benefits:
Purifying, comforting, invigorating.

Mixes Well With:
chamomile oil
eucalyptus oil	
tea tree oil

Extraction Method:
Steam Distilled from dried flowering herb.

Purity Tested/Quality Assured

Origanum vulgare

Caution:
Never use undiluted. Keep out of reach of children. Avoid contact with skin or eyes. If pregnant or lactating, consult your healthcare practitioner before using.

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www.nowfoods.com

InCI NAME:
Origanum vulgare

Plant Part: Dried flowering herb
Processing: Steam Distillation

Specific Gravity: 0.937–0.955
Refractive Index: 1.498–1.521
Patchouli

Suggested Use: For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

Caution: Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

Ingredients: 100% pure patchouli oil.
Aroma: Mucky, earthy.
Benefits: Romantic, soothing, stimulating.

Love is in the Air Blend: Add 1 drop of patchouli oil, 3 drops of jasmine absolute oil and 5 drops of geranium oil to a diffuser and enjoy.

Extraction Method: Steam distilled from dried leaves.

Purity Tested/Quality Assured

INCI NAME: Pogostemon cablin
Plant Part: Dried leaves
Processing: Steam Distillation

PHYSICAL CHARACTERISTICS
Specific Gravity: 0.950–0.97
Refractive Index: 1.505–1.518

CHEMICAL CHARACTERISTICS

Gas Chromatogram

Infrared Spectrum
**CHEMICAL CHARACTERISTICS**

Gas Chromatogram

![Gas Chromatogram](image)

**Infrared Spectrum**

![Infrared Spectrum](image)

**Physical Characteristics**

Specific Gravity: 0.928–0.940
Refractive Index: 1.483–1.488

**Chemical Characteristics**

**Ingredients:** 100% pure pennyroyal oil.
**Aroma:** Fresh, minty-like.
**Benefits:** Repelling, stimulating.
**Mixes Well With:** lemon oil, eucalyptus oil, lavender oil, tea tree.
**Extraction Method:** Steam Distilled from leaves and flowering tops.
**Purity Tested/Quality Assured**

**Inhalation**

Suggested Use: For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

**Caution:** Keep out of reach of children. Avoid contact with eyes. Do not use if pregnant or lactating. Not for internal use. May be harmful or fatal if swallowed.

**Ingredients:** 100% pure pennyroyal oil.
**Aroma:** Fresh, minty-like.
**Benefits:** Repelling, stimulating.
**Mixes Well With:** lemon oil, eucalyptus oil, lavender oil, tea tree.
**Extraction Method:** Steam Distilled from leaves and flowering tops.
**Purity Tested/Quality Assured**

**Inhalation**

Suggested Use: For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

**Caution:** Keep out of reach of children. Avoid contact with eyes. Do not use if pregnant or lactating. Not for internal use. May be harmful or fatal if swallowed.
Peppermint

**Infrared Spectrum**

**Gas Chromatogram**

**PHYSICAL CHARACTERISTICS**

Specific Gravity: 0.896-0.908
RefRACTive Index: 1.459-1.465

**CHEMICAL CHARACTERISTICS**

**INCi NAME:** Mentha piperita
**Plant Part:** Leaves and flowering tops
**Processing:** Steam Distillation

**SUPPORTED USE:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil pure to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios.

**Natural essential oils are highly concentrated and should be used with care.**

**Caution:** Keep out of reach of children. Avoid contact with skin or eyes. If pregnant or breastfeeding, consult your healthcare practitioner before using.

**Ingredients:** 100% pure peppermint oil.
**Aroma:** Fresh, strong, mint.
**Benefits:** Revitalizing, invigorating, cooling.
**Energizing Blend:** Add 1 drop each of peppermint oil and lemon oil along with 3 drops of cinnamon oil in a diffuser and enjoy.
**Extraction Method:** Steam distilled from aerial parts (leaves)
**Purity Tested/Quality Assured**

**SPECIFIC GRAVITY:** 0.896-0.908
**REFRACTIVE INDEX:** 1.459-1.465
Organic Peppermint

Suggested Use: For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

Caution: Keep out of reach of children. Avoid contact with skin or eyes. If pregnant or lactating, consult your healthcare practitioner before using.

Ingredients: Organic peppermint oil (100% pure).

Aroma: Fresh, strong mint.

Benefits: Revitalizing, invigorating, cooling.

Energizing Blend: Add 1 drop each of organic peppermint oil and organic rosemary oil along with 2 drops of cinnamon oil to a diffuser and enjoy.

Extraction Method: Steam Distilled from plant's leaves.

Purity Tested/Quality Assured

INCI NAME: Mentha piperita

Plant Part: Leaves

Processing: Steam Distillation

Physical Characteristics

Specific Gravity: 0.896–0.908

Refractive Index: 1.459–1.465

Chemical Characteristics

Gas Chromatogram

Infrared Spectrum
**PHYSICAL CHARACTERISTICS**

- Specific Gravity: 0.857–0.885
- Refractive Index: 1.473–1.479

**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

**Infrared Spectrum**

- **InCI NAME:** *Pinus sylvestris*
- **Plant Part:** Needles
- **Processing:** Steam Distilled

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios.

Natural essential oils are highly concentrated and should be used with care.

- **Ingredients:** 100% pure pine needle oil.
- **Aroma:** Balsamic, pine scent.
- **Benefits:** Purifying, centering, refreshing
- **Mixes Well With:** balsam fir needle oil, cedarwood oil, juniper berry oil, rosemary oil
- **Extraction Method:** Steam Distilled from pine tree needles.

**Caution:** Keep out of reach of children. Avoid contact with skin or eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

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**V3 Code 7590**
**PHYSICAL CHARACTERISTICS**

Specific Gravity: 0.948-0.992  
Refractive Index: 1.4811-1.5122

**CHEMICAL CHARACTERISTICS**

**Chemical Composition**

- **Infrared Spectrum**
- **Gas Chromatogram**

**Rose Absolute**

- **InCI NAME:** *Rosa damascena*
- **Plant Part:** Rose petals
- **Processing:** Solvent Extracted

**Suggested Use:** This blend is already pre-diluted and ready for use. Please consult an essential oil book or other professional reference source for suggested uses.

**Natural essential oils are highly concentrated and should be used with care.**

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**Ingredients:** Pure rose absolute & pure grapeseed oil.

**Aroma:** Pleasant rose.

**Benefits:** Romantic, uplifting, comforting.

**Floral Meditation Blend:** Add 5 drops of rose absolute oil and 1 drop of geranium oil to a diffuser and enjoy.

**Extraction Method:** Solvent Extracted from rose petals.

**Purity Tested/Quality Assured**

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**Code 7597 V4**

**Absorbance**

**Wavelength**

**Intensity**

**Time**
**Physical Characteristics**

Specific Gravity: 0.894-0.912  
Refractive Index: 1.464-1.476

**Chemical Characteristics**

**Gas Chromatogram**

**Infrared Spectrum**

**Rosemary**

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution rates. Natural essential oils are highly concentrated and should be used with care.

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using.

**Ingredients:** 100% pure rosemary oil.  
**Aroma:** Warm, camphoraceous.  
**Benefits:** Purifying, uplifting.  
**Mixes Well With:** bergamot oil, lemongrass oil, peppermint oil, thyme oil.  
**Extraction Method:** Steam Distilled from tops of plant.  
**Purity Tested/Quality Assured Rosmarinus officinalis**

**Inci Name:** Rosmarinus officinalis  
**Plant Part:** Tops of plant  
**Processing:** Steam Distillation  

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**Absorbance**

**Wavelength**

**Intensity**

**Time**
Suggested Use: For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

Caution: Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using.

**InCI NAME:** Rosmarinus officinalis

**Plant Part:** Flowering tops

**Processing:** Steam Distillation

**PHYSICAL CHARACTERISTICS**

Specific Gravity: 0.894–0.912

Refractive Index: 1.464–1.476

**CHEMICAL CHARACTERISTICS**

Gas Chromatogram

**Infrared Spectrum**
Sage

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

**Caution:** Keep out of reach of children. Avoid contact with skin or eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**INCI NAME:** Salvia officinalis

**Plant Part:** Partially dried leaves

**Processing:** Steam Distillation

**PHYSICAL CHARACTERISTICS**

- **Specific Gravity:** 0.903-0.925
- **Refractive Index:** 1.457-1.469

**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

The gas chromatogram shows the chemical profile of sage essential oil. It includes peaks at various retention times, indicating the presence of different compounds.

**Infrared Spectrum**

The infrared spectrum provides information about the molecular structure of the oil, with absorbance peaks at specific wavelengths.

**Ingredients:** 100% pure sage oil.

- **Aroma:** Warm, camphoraceous.
- **Benefits:** Normalizing, balancing, soothing.

**Goodnight Sleep Blend:**

Add 2 drops of sage oil, 1 drop of ylang ylang oil and 20 drops of neroli oil blend to a diffuser and enjoy.

**Extraction Method:** Steam Distilled from partially dried leaves.

**Purity Tested/Quality Assured**

**Code 7610**
**Suggested Use:** This blend is already pre-diluted and ready for use. Please consult an essential oil book or other professional reference source for suggested uses.

**Natural essential oils are highly concentrated and should be used with care.**

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

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**INCI NAME:** *Santalum album*

**Plant Part:** Wood/bark/roots

**Processing:** Steam Distillation

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**PHYSICAL CHARACTERISTICS**

Specific Gravity: 0.965-0.980

Refractive Index: 1.500-1.510

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**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

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**Infrared Spectrum**

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**Ingredients:** Pure sandalwood oil & pure grapeseed oil.

**Aroma:** Subtle floral, undertones of wood and fruit.

**Benefits:** Grounding, focusing, balancing.

**"Me Time" Meditation Blend:** Add 1 drop of sandalwood oil blend, 2 drops of clove oil and 3 drops of patchouli oil to a diffuser and enjoy.

**Extraction Method:** Steam Distilled from wood/bark/roots.

**Purity Tested/Quality Assured**

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**Code 7668**
**PHYSICAL CHARACTERISTICS**

- Specific Gravity: 0.917-0.934
- Refractive Index: 1.484-1.491

**CHEMICAL CHARACTERISTICS**

- **Infrared Spectrum**

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios.

**Natural essential oils are highly concentrated and should be used with care.**

- **Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using.

**Ingredients:** 100% pure spearmint oil.

- **Aroma:** Refreshing, minty.
- **Benefits:** Cooling, invigorating, stimulating.
- **Mixes Well With:** bergamot oil, lavender oil, lime oil, rosemary oil.

**Extraction Method:** Steam distilled from leaves and flowering tops.

**Manufactured by:** NOW Foods, Bloomingdale, IL 60108, U.S.A.

**Code:** 7620

**INCI NAME:** *Mentha spicata*

**Plant Part:** Leaves and flowering tops

**Processing:** Steam Distillation
**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**Ingredients:** 100% pure spike lavender oil.

**Aroma:** Spicy, floral, camphoraceous, fresh.

**Attributes:** Purifying, cleansing, clarifying.

**Mixes Well With:** mint oils, eucalyptus oil, lavender oil, balsam fir needle oil.

**Extraction Method:** Steam Distilled from fresh flowering tops.

**Purity Tested/Quality Assured**

**INCI NAME:** Lavandula latifolia

**Plant Part:** Flowering tops

**Processing:** Steam Distillation

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**PHYSICAL CHARACTERISTICS**

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**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

![Gas Chromatogram](image)

**Infrared Spectrum**

![Infrared Spectrum](image)
**Tangerine**

**PHYSICAL CHARACTERISTICS**

Specific Gravity: 0.844–0.854  
Refractive Index: 1.473–1.476

**CHEMICAL CHARACTERISTICS**

**Infrared Spectrum**

**Gas Chromatogram**

**Vanilla Citrus Dream Blend:** Add 1 drop each of tangerine oil and orange oil along with 15 drops of vanilla concentrate oil to a diffuser and enjoy.

**Ingredients:** 100% pure tangerine oil.  
**Aroma:** Pleasant, orange-like.  
**Benefits:** Cheerful, inspiring, invigorating.

**Extraction Method:** Cold Pressed from fresh fruit peel.

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Do not use on skin. Reacts strongly to sunlight and other sources of ultraviolet light.

**Manufactured by NOW Foods Bloomingdale, IL 60108, U.S.A.**

**INCI NAME:** Citrus reticulata  
**Plant Part:** Fresh fruit peel  
**Processing:** Cold Pressed
Tea Tree

**Infrared Spectrum**

**Chemical Characteristics**

Gas Chromatogram

**Physical Characteristics**

Specific Gravity: 0.888-0.909
Refractive Index: 1.475-1.482

**Inci Name:** *Melaleuca alternifolia*
Plant Part: Leaves
Processing: Steam Distillation

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution rates. Natural essential oils are highly concentrated and should be used with care.

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**Ingredients:** 100% pure tea tree oil.

**Aroma:** Potent, warm, spicy.

**Benefits:** Cleansing, purifying, renewing.

**Purifying Room Blend:** Add 1 drop each of tea tree oil and grapefruit oil, along with 10 drops of lemon oil to a diffuser and enjoy.

**Extraction Method:** Steam Distilled from leaves.

**Purity Tested/Quality Assured**
**PHYSICAL CHARACTERISTICS**

Specific Gravity: 0.888–0.909  
Refractive Index: 1.475–1.482

**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

**Infrared Spectrum**

**Suggested Use:** For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

**Ingredients:** Organic tea tree oil (100% pure).

Aroma: Potent, warm, spicy.

**Benefits:** Cleansing, purifying, renewing.

**Purifying Room Blend:** Add 1 drop each of organic tea tree oil and grapefruit oil, along with 10 drops of organic lemon oil to a diffuser and enjoy.

**Extraction Method:** Steam Distilled from leaves.

**Purity Tested/Quality Assured**

**InCI NAME:** Melaleuca alternifolia

**Plant Part:** Leaves  
**Processing:** Steam Distillation

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**V2 Code 7470**

100% pure & certified organic  
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Bloomingdale, IL 60108, U.S.A.

www.nowfoods.com  
Certified Organic by Quality Assurance International.
**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

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**Infrared Spectrum**

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**Suggested Use:** This blend is already pre-diluted and ready for use. Please consult an essential oil book or other professional reference source for suggested uses.

**Caution:** Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

**Ingredients:** Pure vanilla oil & pure jojoba oil.

**Aroma:** Sweet, warm.

**Benefits:** Comforting, relaxing, nurturing.

**Tangerine Dream:** Add 15 drops of vanilla concentrate oil and 2 drops of tangerine oil to a diffuser and enjoy.

**Extraction Method:** CO2 Extracted from vanilla seed pods.

**Purity Tested/Quality Assured**

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**INCI NAME:** Vanilla planifolia

**Plant Part:** Seed Pods

**Processing:** Carbon Dioxide Extracted
White Thyme

**PHYSICAL CHARACTERISTICS**

Specific Gravity: 0.915-0.935
Refractive Index: 1.495-1.505

**CHEMICAL CHARACTERISTICS**

**Gas Chromatogram**

**Infrared Spectrum**

**Ingredients:** 100% pure white thyme oil

**Aroma:** Pleasant, pungent.

**Benefits:** Uplifting, empowering, clarifying.

**Mixes Well With:**
- basil oil
- lavender oil
- lemon oil
- marjoram oil

**Extraction Method:** Steam Distilled from plant’s flowering tops.

**Purity Tested/Quality Assured**

**Caution:** Keep out of reach of children. Avoid contact with skin or eyes. If pregnant or lactating, consult your healthcare practitioner before using.

**INCI NAME:** Thymus vulgaris/zygis

**Plant Part:** Flowering tops

**Processing:** Steam Distillation

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Bloomingdale, IL 60108, U.S.A.
www.nowfoods.com

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PHYSICAL CHARACTERISTICS

Specific Gravity: 1.176-1.182
Refractive Index: 1.535-1.538

CHEMICAL CHARACTERISTICS

Suggested Use:
For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios.
Natural essential oils are highly concentrated and should be used with care.

Ingredients:
100% pure wintergreen oil.

Aroma:
Warm, sweet.

Benefits:
Stimulating, refreshing, uplifting.

Mixes Well With:
- eucalyptus oil
- lemon oil
- peppermint oil
- tangerine oil

Extraction Method:
Steam Distilled from leaves.

Purity Tested/Quality Assured

Caution:
Contains methyl salicylate. Avoid contact with skin and eyes. If swallowed, give water and call physician immediately. In case of contact with eyes or skin, flush thoroughly with water. For eyes, get medical attention. Keep out of reach of children. If pregnant or lactating, consult your healthcare practitioner before using. Natural essential oils may be harmful or fatal if swallowed.

INCI NAME: Gaultheria procumbens
Plant Part: Leaves
Processing: Steam Distillation

Gaultheria procumbens

Absorbance

Wavelength
PHYSICAL CHARACTERISTICS

Specific Gravity: 0.950-0.985
Refractive Index: 1.498-1.509

CHEMICAL CHARACTERISTICS

Gas Chromatogram

Infrared Spectrum

Suggested Use: For aromatherapy use. For all other uses, carefully dilute with a carrier oil such as jojoba, grapeseed, olive, or almond oil prior to use. Please consult an essential oil book or other professional reference source for suggested dilution ratios. Natural essential oils are highly concentrated and should be used with care.

Caution: Keep out of reach of children. Avoid contact with eyes. If pregnant or lactating, consult your healthcare practitioner before using. Not for internal use.

Ingredients: 100% pure ylang ylang extra oil.
Aroma: Pleasant, floral.
Benefits: Soothing, comforting, romantic.

Cloud 9 Blend:
Add 1 drop each of ylang ylang oil and rose absolute oil, 5 drops of patchouli oil and 4 drops of sandalwood oil blend to a diffuser and enjoy.

Extraction Method:
Steam Distilled from plant’s flowering tops.

Purity Tested/Quality Assured

INCI NAME: Cananga odorata
Plant Part: Flowering tops
Processing: Steam Distillation