Alta Oils Ltd

PRODUCT CATALOGUE

www.altaoils.com

CHAMOMILE GERMAN

ESSENTIAL OIL

(Matricaria recutita)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
viscous liquid	dark blue to green	specific, of German chamomile

Relative density (g/cm³)	0.899 – 0.930
Solubility in 70% ethanol (V/V)	1 : 2
Acid value (mg KOH/g)	not more than 30
Ester value (mg KOH/g)	not more than 350
Ester value after acetylating (mg KOH/g)	not more than 430

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

Bisabolol oxide A	from 1 to 10
Bisabolol oxide B	from 1 to 12
Bisabolon oxide	from 4 to 15
Chamazulene	more than 3
Farnesene	from 20 to 50
Limonene	not more than 0.5

THERAPEUTIC PROPERTIES

The therapeutic properties of German chamomile oil are antispasmodic, antiseptic, antibiotic, antidepressant, antineuralgic, antiphlogistic, carminative, cholagogue, cicatrisant, emmenagogue, analgesic, febrifuge, hepatic, sedative, nervine, digestive, tonic, antispasmodic, bactericidal, sudorific, stomachic, anti-inflammatory, anti-infectious, and vermifuge.

CHAMOMILE ROMAN

ESSENTIAL OIL

(Anthemis nobilis)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
clear liquid	pale yellow	Specific, fruity, of Roman chamomile

Relative density (g/cm³)	0.900 – 0.920
Solubility in 90% ethanol (V/V)	1 : 0.6
Acid value (mg KOH/g)	not more than 8
Ester value (mg KOH/g)	not more than 340
Optical rotation (20°C) (°)	from -2 to +3
Refractive index (20°C)	1.4380 – 1.4460

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

Butylates and angelates	more than 60
α-pinene	less than 8
β-pinene	less than 5
Limonene	less than 5
Myrcene	less than 5

THERAPEUTIC PROPERTIES

The therapeutic properties of Roman chamomile oil include anti-infectious, anti-inflammatory, antiparasitic, calming, and relaxing.

CLARY SAGE

ESSENTIAL OIL

(Salvia sclarea)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
clear liquid	Colorless to pale yellow	Fresh, sweet, herbaceous, warm aroma with floral undertones

Relative density (g/cm³)	from 0.890 to 0.930
Refractive index (20°C)	from 1.455 to 1.470
Optical rotation (20°C) (°)	from -26° to -6°

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

Linalylacetate	from 50.6 to 70.5
Germacrene-D	from 1.2 to 7.5
Linalool	from 13 to 24
@- Terpineol	from 1.0 to 5.0
Sclareol	from 0.4 to 2.6

THERAPEUTIC PROPERTIES

Clary sage (Salvia sclarea) essential oil is a powerful and versatile natural remedy known for its wide range of health benefits. Extracted from the flowering tops and leaves of the clary sage plant through steam distillation, clary sage essential oil has been used for centuries to promote relaxation, balance hormones, improve skin health, and alleviate a variety of physical and emotional ailments.

COMMON SAGE

ESSENTIAL OIL

(Salvia officinalis)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
clear liquid	Colorless to pale yellow	Fresh, sweet, herbaceous, warm aroma with floral undertones

Specific gravity (g/mL)(20°C)	from 0.908 - 0.923
Refractive index (20°C)	from 1.458 to 1.474
Optical rotation (20°C) (°)	from +2 to +28

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

Linalylacetate + Linalool	up to 0.2
@- Humulene	up to 2.9
Beta Pinene	from 1 to 17.9
Beta Thujone	from 0.7 to 17.4
@- Thujone	from 10 to 33.3
1,8-Cineol	from 11.2 to 12.5
Camphene	from 0.5 to 4.4
Camphor	from 0.1 to 11.7
Borneol	from 1.6 to 3.2

THERAPEUTIC PROPERTIES

In folk medicine, Salvia officinalis has been used for the treatment of different kinds of disorders, including seizure, ulcers, gout, rheumatism, inflammation, dizziness, tremor, paralysis, diarrhea, and hyperglycemia. In recent years, this plant has been a subject of intensive studies to document its traditional use and to find new biological effects. These studies have revealed a wide range of pharmacological activities for S. officinalis. Present review highlights the up-to-date information on the pharmacological findings that have been frequently reported for S. officinalis. These findings include anticancer, anti-inflammatory, antinociceptive, antioxidant, antimicrobial, antimutagenic, antidementia, hypoglycemic, and hypolipidemic effects.

CORIANDER SEED

ESSENTIAL OIL

(Coriandrum sativum)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
clear, mobile liquid (heterogeneous mass below 35°C)	colourless to pale yellow	woody, light, earthy

Specific gravity	from 0.9380 to 0.9680
Refractive index (25°C)	from 1.460 to 1.473
Optical rotation (20°C) (°)	from +7.0 to +13.0
Flash point	65°C
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

Linalool	from 40 to 85
α Pinene	from 3 to 7
Camphor	from 4 to 6
Myrcene	from 0.5 to 1.5

THERAPEUTIC PROPERTIES

Coriander seed oil can help relieve various digestive problems because of its natural carminative properties. It is used to treat bloating, flatulence, and to boost the appetite. It supports weight loss, detoxification, skin health, and stress relief, making it a versatile natural remedy. Because the oil supports lipolysis, it breaks down fats and cholesterol. When fat is broken down, you will lose weight sooner. It has highly effective antibacterial properties that can destroy many bacteria. Because of these properties, the oil can be used to tackle a range of conditions from skin complaints to oral infections. It can also be used to keep your body smelling fresh by eliminating the bacteria that cause body odor. Coriander seed essential oil also has excellent analgesic properties and can be used to treat a range of painful conditions. You can use the oil to help treat headaches, migraines, and even toothache. Coriander essential seed oil is used by athletes to relieve muscle cramping or spasms. The oil removes toxins such as uric acid and certain heavy metals. It also gets rid of certain kinds of compounds and hormones that the body produces. Foreign toxins are also eliminated from the blood.

GALBANUM

ESSENTIAL OIL

(Ferula galbaniflua)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
clear liquid	Colorless To pale Yellow	with a characteristic odor

Relative density (g/cm³)	0.867 - 0.890
Refractive index (20°C)	from 1.478 to 1.485
Optical Rotation (°)	+7° to +17°

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

Sabinene	from 0.3 to 3.0
Beta Pinene	from 40 to 70
Alpha Pinene	from 5 to 12
Myrcene	from 2.5 to 3.5
Delta 3-carene	from 1 to 10

THERAPEUTIC PROPERTIES

A gum-like material, or resin, from its stems is used to make medicine. Galbanum might reduce swelling and help fight certain types of bacteria. People use galbanum for wound healing, cough, digestion problems, and many other conditions.

GREEN MILFOIL

ESSENTIAL OIL

(Achillea millefolium)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
liquid	yellow-green	spicy, with camphor note

Relative density (g/cm³)	from 0.890 to 0.937
Refractive index (20°C)	from 1.4700 to 1.4790
Acid value, mg KOH/g	not more than 10.0
Ester value, mg KOH/g	more than 20
Ester value after acetylating (mg KOH/g)	from 80 to 150
Contents of bound alcohols such as cineol, %	from 4.6 to 15.9
Contents of free alcohols such as cineol, %	from 16.00 to 25.23

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

Chamazulene	from 1 to 10
Borneol	from 2.0 to 15.0
Pinenes	not more than 20

THERAPEUTIC PROPERTIES

Milfoil oil is used for a wide variety of complaints, including chest infections, digestive problems, and nervous exhaustion. The Chinese use it for menstrual problems, and in Scandinavia, it is used for rheumatism. It is also helpful for skin problems such as acne and oily skin and to help reduce scarring.

HELICHRYSUM

ESSENTIAL OIL

(Helichrysum italicum)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
transparent fluid	light yellow to orange	specific, sweet, honey-like

Relative density (g/cm³)	0.880 – 0.900
Refractive index (20°C)	1.4780 - 1.4900

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

Neryl acetate	more than 7
α-pinene	more than 5
α-cedrene	more than 5
Geranyl acetate	more than 3
2-methyl cyclohexyl pentanoate	more than 3

THERAPEUTIC PROPERTIES

Helichrysum is the oil of choice for healing scar tissue, whether from a recent wound, operation, or tissue that has been scarred for years. It stops bleeding and helps a scab to form and tissue to repair itself. It can be added to a carrier oil and applied to stretch marks, acne scars, surgical scars, and wounds of all kinds. Helichrysum is also very effective for joint pain associated with rheumatoid arthritis. It is anti-inflammatory and has pain-reducing and analgesic effects. This oil helps one detox from alcohol, drugs, and nicotine, releasing the body and mind from addictive patterns. Helichrysum has a powerful anti-inflammatory action that can alleviate gum inflammation.

JUNIPER BERRY

ESSENTIAL OIL

(Juniperus communis)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
clear fluid	pale yellow	specific, of juniper berry

Relative density (g/cm³)	from 0.857 to 0.872
Refractive index (20°C)	from 1.471 to 1.483
Optical rotation (20°C) (°)	from – 15 to 0
Solubility in 95% ethanol (V/V)	1 : 10
Acid value, mg KOH/g	not more than 2.0
Ester value, mg KOH/g	not less than 12

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

α-pinene	from 40 to 50
β-pinene	from 8 to10
Sabinene	from 8 to10

THERAPEUTIC PROPERTIES

Juniper berry oil has cleansing and detoxifying properties and also beneficial for relieving aching joints, rheumatic pain, and headaches.

LAVANDIN

ESSENTIAL OIL

(Lavandula hybrida grosso)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
Liquid	Colorless to pale yellow	characteristics, camphor

Relative density (g/cm³)	from 0.890 to 0.900
Refractive index (20°C)	from 1.458 to 1.462
Optical rotation (20°C)(°)	from -7.0 to -3
Flash point	75

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

Linalyl acetate	from 25.0 to 38.0
Linalool	from 24.0 to 37.0
Cis β-ocimene	from 0.5 to 1.5
Trans β-ocimene	from 0 to 1.0
Terpinen-4-ol	from 1.5 to 5.0
Lavandulyl acetate	from 1.5 to 3.5
1,8 cineole	from 4.0 to 8.0
Limonene	from 0.5 to 1.5
Camphor	from 6.0 to 8.5
Lavandulol	from 0.2 to 1.0
Borneol	from 1.5 to 4.0
A terpineol	from 0.3 to 1.3

THERAPEUTIC PROPERTIES

Lavandin Grosso Essential Oil is celebrated for its therapeutic benefits. Its calming and relaxing effects make it an ideal choice for aromatherapy, helping alleviate stress and anxiety. Additionally, it possesses analgesic properties, making it valuable for soothing aching muscles and headaches.

LAVENDER

ESSENTIAL OIL

(Lavandula angustifolia)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
clear fluid	light yellow	specific of lavender, fresh, flowery

Relative density (g/cm³)	from 0.879 to 0.888
Refractive index (20°C)	from 1.4590 to 1.4630
Optical rotation (20°C)(°)	from -10.0 to -6.8
Solubility in 75% ethanol (V/V)	1:2
Acid value, mg KOH/g	not more than 1.0
Ester value, mg KOH/g	from 110.0 to 150.0
Content of esters such as linalyl acetate %	from 38.5 to 52.5

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

Linalyl acetate	from 30.0 to 42.0
Linalool	from 22.0 to 34.0
Cis β-ocimene	from 3.0 to 9.0
Trans β-ocimene	from 2.0 to 5.0
Terpinen-4-ol	from 2.0 to 5.0
Lavandulyl acetate	from 2.0 to 5.0
1,8 cineole	not more than 2.0
Limonene	not more than 0.6
Camphor	not more than 0.6
Lavandulol	more than 0.3

THERAPEUTIC PROPERTIES

The therapeutic properties of lavender oil are antiseptic, analgesic, anticonvulsant, antidepressant, antirheumatic, antispasmodic, anti-inflammatory, antiviral, bactericidal, carminative, cholagogue, cicatrisant, cordial, cytophylactic, decongestant, deodorant, diuretic, emmenagogue, hypotensive, nervine, rubefacient, sedative, sudorific, and vulnerary.

MELISSA

ESSENTIAL OIL

(Melissa officinalis)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
fluid transparent liquid	pale yellow to yellow green	specific, of melissa, lemon-like

Relative density (g/cm³)	from 0.870 to 0.906
Refractive index (20°C)	from 1.4600 to 1.4800
Optical rotation (20°C)(°)	from +2 to – 32
Ester value, mg KOH/g	from 27.0 to 220.0
Acid value, mg KOH/g	not more than 2.5

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

Citral	from 1 to 37.5
Neral	from 14 to 24
Citronellal	from 0.7 to 39
Linalool	from 0.08 to 0.40
Germacrene D	from 0.20 to 15

THERAPEUTIC PROPERTIES

The therapeutic properties of Melissa oil are antidepressant, antispasmodic, bactericidal, carminative, cordial, diaphoretic, emmenagogues, febrifuge, hypotensive, nervine, sedative, stomachic, sudorific, and tonic.

MILFOIL BLUE

ESSENTIAL OIL

(Achillea millefolium)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
liquid	blue	spicy, with camphor note

Relative density (g/cm³)	from 0.890 to 0.937
Refractive index (20°C)	from 1.4700 to 1.4790
Acid value, mg KOH/g	not more than 10.0
Ester value, mg KOH/g	more than 20
Ester value after acetylating (mg KOH/g)	from 80 to 150
Contents of bound alcohols such as cineol, %	from 4.6 to 15.9
Contents of free alcohols such as cineol, %	from 16.00 to 25.23

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

Chamazulene	from 6 to 36
Borneol	from 2.0 to 15.0
Pinenes	not more than 20

THERAPEUTIC PROPERTIES

The milfoil essential oil contains azulenes, which contribute to its blue color and anti-inflammatory properties. Its main application is in healing open wounds and ulcers. It is recommended to be used in long-lasting diseases, eczema, and allergic skin reactions, and it is suitable for oily skin types and acne.

PEPPERMINT

ESSENTIAL OIL

(Mentha piperita)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
clear liquid	Colorless To pale Yellow	Refreshing, sharp, strongly minty aroma with a Deep balsamic-sweet undertone

Specific Gravity (g/mL) (20°C)	from 0.896 to 0.916
Refractive index (20°C)	from 1.455 to 1.467
Optical Rotation (°)	-30° to -10°
Solubility	Soluble in alcohols and fixed oils; insoluble in water

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

Menthol	from 35 to 70
Menthyl acetate	from 0.5 to 3.00
Limonene	from 1.2 to 3.30
Menthone	from 1.1 to 11.00
Piperitone	from 1 to 10

THERAPEUTIC PROPERTIES

Today, peppermint is promoted for irritable bowel syndrome (IBS), other digestive problems, the common cold, sinus infections, headaches, and other conditions. Peppermint oil is promoted for topical use (applied to the skin) for problems like headache, muscle aches, joint pain, and itching.

PINE

ESSENTIAL OIL

(Pinus sylvestris)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
transparent fluid	light yellow	specific of pine tree

Relative density (g/cm³)	from 0.860 to 0.870
Refractive index (20°C)	from 1.4725 to 1.4765
Optical rotation (20°C) (°)	from -19 to -25
Solubility in 95% ethanol (V/V)	1 : 10
Acid value, mg KOH/g	not more than 1.0
Ester value, mg KOH/g	from 5.0 to 15.0

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

α-pinene	more than 30
β-pinene	more than 15

THERAPEUTIC PROPERTIES

The therapeutic properties of pine oil are antimicrobial, antineuralgic, antirheumatic, antiseptic, antiviral, bactericidal, balsamic, cholagogue, deodorant, diuretic, expectorant, hypertensive, insecticidal, restorative, rubefacient, and adrenal cortex stimulant, as well as a stimulant to the circulation and nervous system.

ROSE

ESSENTIAL OIL

(Rosa damascena)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
Oily transparent fluid (heterogeneous mass below 23°C)	yellow	specific, of roses

Relative density (g/cm³)	from 0.848 to 0.880
Refractive index (20°C)	from 1.452 to 1.470
Freezing point, °C	from 16.0 to 23.0
Ester value, mg KOH/g	from 7.0 to 24

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

Citronellol	from 20 to 34
Nerol	from 5 to 12
Geraniol	from 15 to 22
Phenyl-ethyl alcohol	not more than 3.5
Nonadecane	from 8 to 15
Henejcosane	from 3 to 5.5
Heptadecane	from 1 to 2.5

THERAPEUTIC PROPERTIES

Rose essential oil is a great aphrodisiac and thus perfect to add spice to your love life. It is also known for its antispasmodic, antiviral, and antiseptic therapeutic properties. Rose oil is beneficial in curing eczema, stress, and menstrual problems. It serves as a tonic for the liver, heart, stomach, and uterus. For coping with emotional problems, rose essential oil is the best remedy. It is of great use in boosting the circulation of blood in the body. Rose oil has excellent emollient properties for moisturizing the skin and, when included in products for dry, sensitive, and mature skin, helps refine skin texture.

ROSE ABSOLUTE

(Rosa damascena)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
clear transparent fluid	orange-red	specific of rose

Relative density (g/cm^3)	from 0.950 to 0.995
Refractive index (25°C)	from 1.4900 to 1.5150
Acid value, mg KOH/g	not more than 11.0
Ester value, mg KOH/g	from 13.0 to 30.0
Ester value after acetylating, mg KOH/g	from 217.0 to 274.0

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

Phenyl-ethyl alcohol	from 45.0 to 71.0
Citronellol	from 6.0 to 12.0
Geraniol	from 2.5 to7.5
Nerol	from 1.5 to 6.5
Eugenol	from 0.9 to 2.2
Ethyl alcohol	not more than 2.0
Methyl eugenol	from 0.3 to 0.8

ROSEHIP

SEED OIL

(Rosa Canina Oil)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
colored liquid	Reddish Amber to Deep Red-Orange	Characteristic mild odor

Specific Gravity (g/mL) (20°C)	from 0.920 to 0.940
Refractive index (20°C)	from 1.467 to 1.487
Peroxide Value (meq O_2/kg)	less than 5.0
Solubility	Soluble in cosmetic esters and fixed oils; insoluble in water

FATTY ACID	C-CHAIN	SPECIFICATIONS
Palmitic Acid	C16:0	2.00 – 5.00
Stearic Acid	C18:0	Maximum 3.00
Oleic Acid	C18:1 (n-9)	13.00 – 18.00
Linoleic Acid	C18:2 (n-6)	35.00 – 50.00
Alpha-Linolenic Acid	C18:3 (n-3)	22.00 – 38.00
Arachidic Acid	C20:0	Maximum 1.00

THERAPEUTIC PROPERTIES

Rose hip oil is rich in vitamins A, C, E, and essential fatty acids. These fatty acids are anti-inflammatory and can improve signs of aging, pigmentation, and moisturizing the skin. Retinoids in rosehip oil can help brighten your skin, prevent blackheads, and reduce inflammation. Rosehip oil also contains linoleic acid, a fatty acid that can aid acne prevention and shrink pimples. Rosehip oil may help treat eczema, an inflammation of the skin that can cause itching and redness.

ST. JOHN'S WORT

ESSENTIAL OIL

(Hypericum perforatum)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
transparent fluid	pale yellow	specific for the plant

Relative density (g/cm^3)	from 0.840 to 0.880
Refractive index (20°C)	from 1.450 to 1.470
Freezing point, °C	from 16.0 to 25.0
Ester value, mg KOH/g	from 7.0 to 24

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

2,6 dimethyl heptanes	from 34.6 to 38.5
Nonane	from 2.4 to 2.8
α – pinene	from 18.4 to 20.5
β – pinene	from 8.7 to 9.7
β – caryophyllene	from 3.8 to 4.3
Germacrene D	from 6.3 to 7.1

THERAPEUTIC PROPERTIES

A natural mood booster, St. John's Wort has been used for centuries to treat heavy depression. It can be taken as a tincture for bedwetting, stiff arthritis joints, Bell's palsy, and shingles. Painful muscles and joints react well to the application of this oil. St. John's Wort helps the cardiovascular system by improving the functioning of the heart, blood vessels, and pulse and is acting diuretically.

THYME

ESSENTIAL OIL

(Thymus vulgaris)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
transparent fluid	yellow brown	specific, of thyme

Relative density (g/cm³)	from 0.820 to 0.961
Refractive index (20°C)	from 1.4720 to 1.5110
Optical rotation (20°C) (°)	from -21.0 to +15.0
Acid value, mg KOH/g	not more than 10.3

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

Thymol	from 45 to 50
Carvacrol	from 2 to 30
Contents of phenols, %	from 10.0 to 74.0

THERAPEUTIC PROPERTIES

The therapeutic properties of thyme oil are antirheumatic, antiseptic, antispasmodic, bactericidal, bechic, cardiac, carminative, cicatrisant, diuretic, emmenagogue, expectorant, hypertensive, insecticide, stimulant, tonic, and vermifuge.

TOBACCO ABSOLUTE

(Nicotiana tabacum L.)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
clear transparent fluid Viscous liquid/ pasty mass	Dark brown	Strong smell of tobacco, characteristic

Relative density (g/cm³)	from 0.900 to 0.980
Refractive index (20°C)	from 1.495 to 1.520
Acid value, mg KOH/g	up to 20.00
Ester value, mg KOH/g	from 50.0 to 80.0
Ethanol solubility	Yes
Water solubility	No

TOBACCO ABSOLUTE BENEFITS AND USES

Tobacco absolute, derived from tobacco leaves, has garnered attention for its potential health benefits. Research published in the Journal of Ethnopharmacology by Smith et al. (2018) explored the antioxidant properties of tobacco absolute, highlighting its ability to reduce oxidative stress and cell damage in vitro. In addition to its possible use to help curb cravings when trying to quit smoking, Tobacco Absolute is primarily used within fragrance and perfumery applications.

WORMWOOD

ESSENTIAL OIL

(Artemisia annua)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
transparent fluid	yellow-green to brown- greenish	specific, of wormwood

Relative density (g/cm³)	from 0.820 to 0.960
Refractive index (20°C)	from 1.4700 to 1.4950
Acid value, mg KOH/g	not more than 10.0

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

Contents of ketones such as iso artemisia ketone, %	more than 20.0, ideally 35-40
Camphor	from 10 to 20
Pinocarveol	from 2.8 to 10.9

THERAPEUTIC PROPERTIES

Wormwood essential oil is above all a stomach medicine, being useful for indigestion, gastric pain, and lack of appetite, as well as the related problems of heartburn and flatulence, fevers, dysentery, asthma, burns, and anemia. It is also said to be helpful for liver insufficiency by stimulating liver and gallbladder secretions and jaundice.

WORMWOOD ABSINTHIUM

ESSENTIAL OIL

(Artemisia absinthium)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
dark liquid	yellow to red-brown	specific, artemisia absentium

Relative density (g/cm³)	from 0.840 to 0.980
Refractive index (20°C)	from 1.486 to 1.498
Acid value, mg KOH/g	not more than 10.0

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

Contents of ketones such as iso artemisia ketone, %	more than 20.0
α + β thujone	from 50 to 60
Isotuil acetate	from 38
Linalool	from 5 to 10

THERAPEUTIC PROPERTIES

Wormwood essential oil is above all a stomach medicine, being useful for indigestion, gastric pain, and lack of appetite, as well as the related problems of heartburn and flatulence, fevers, dysentery, asthma, burns, and anemia. It is also said to be helpful for liver insufficiency by stimulating liver and gallbladder secretions, jaundice.

ZDRAVETZ

ESSENTIAL OIL

(Geranium macrorrhizum)



ALTA OILS LTD

www.altaoils.com

APPEARANCE	COLOUR	ODOR
Oily transparent fluid (heterogeneous mass below 35°C)	Yellow-green to dark green	Specific, of Geranium macrorrhizum

Relative density (g/cm^3)	from 0.9380 to 0.9680
Refractive index (25ºC)	from 1.5003 to 1.5189
Melting point, °C	from 34 to 50
Solubility in 75% ethanol (V/V)	from 1 : 6 to 1 : 7
Acid value, mg KOH/g	not more than 3.0
Ester value, mg KOH/g	from 7 to 15
Ester value after acetylating, mg KOH/g	from 25 to 55

CONTENTS OF CHARACTERISTIC INGREDIENTS (BY GC), %

Germacron	more than 50
α + β ketones	from 8 to 17
Monoterpines	from 7 to 10

THERAPEUTIC PROPERTIES

Zdravetz oil is useful for baths in cases of nervous disorders, high blood pressure, rheumatism, and skin inflammations. It is also an excellent fixative in fragrances.

MEMBERSHIPS

IFEAT
THE INTERNATIONAL FEDERATION OF ESSENTIAL OILS AND AROMA TRADES

EFEO
European Federation of Essential Oils

B.E.O.A.
BRITISH ESSENTIAL OIL ASSOCIATION

FOUNDED 1996
Bulgarian National Association
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