

LabAroma.

Name	Latin Name	Origin
Lavender	Lavandula Angustifolia	France
Material Type	Benchmark price per 15ml	Botanical Family
Essential Oils	\$16	
Part of plant	Safety note	Conservation Status
Flowering tops	• Non-toxic and non-irritant.	No status of concern Not listed with a conservation status.
Profile	Therapeutic Properties	
• Ester rich	<ul style="list-style-type: none">• Analgesic• Anti-allergenic• Anti-inflammatory• Antibacterial• Antifungal (candida)• Antirheumatic• Antispasmodic• Cicatrizant: Cell-regenerative for skin, healing for scars.• CNS (central nervous system) sedative• Deodorant• Immunostimulant• Skin healing• Tonic• Wound healing• Balancing and healing effect on the nervous system.• Preventative health care and in the treatment of tension-related illnesses.• Soothing and its antispasmodic effect that can assist tight muscles, digestive problems, spasmodic coughs, menstrual cramps, insomnia, and tension headaches.• Used for restless leg syndrome.• Lavender's anti-inflammatory, skin-healing properties will help heal burns, bug bites, wounds, bee stings, rashes, acne, and skin irritations.• Emotionally balancing, soothing, and nurturing, especially when working through situational fear, anxiety, and/or depression.	
Synergy	Energetics	

The interaction or cooperation of two or more substances to produce a combined effect greater than the sum of their separate effects.
1st component synergy

l-Linalool, linalyl acetate (analgesic, antibacterial, anticonvulsant, antifungal, anti-inflammatory, antinociceptive, antioxidant, antispasmodic, antitumoral, antiviral, anxiolytic, cholinesterase inhibitor, immunostimulant, hypotensive, vasorelaxant, sedative) .

1st essential oil synergy combinations

bergamot, bergamot mint, clary sage, petitgrain Bigarade.

2nd essential oil synergy combinations

basil ct linalool, fragonia, ghandi root, ginger lily abs., ho leaf, hyssop ct linalool, lavandin, neroli, rosewood, spike lavender, sweet marjoram, thyme ct linalool, white champaca, ylang ylang, .

2nd component synergy

Lavandulyl acetate, α -caryophyllene, terpinen-4-ol, β -ocimene (analgesic, antibacterial, antifungal, anti-histaminic, anti-inflammatory, antinociceptive, antispasmodic, anxiolytic, cardioprotective (anti-atherosclerosis), hypotensive, immunomodulatory, neuroprotective, sedative).

1st essential oil synergy combinations

balsam copaiba, black pepper, black pine, blackcurrant bud absolute, cannabis, cananga, clove bud, fennel, hops, melissa .

2nd essential oil synergy combinations

cypress, juniperberry, nutmeg, opoponax, plai, sugghanda, tarragon, tea tree, thyme ct geraniol.

Potential psychological therapeutic solutions

Anxiety, stress: basil ct linalool, bergamot mint, black pine, cananga, cannabis, clary sage, ghandi, ho leaf, melissa, neroli, opopanax, petitgrain Bigarade, rosewood, sweet marjoram, vanilla, vetiver, ylang ylang
Insomnia: black pine, neroli, Roman chamomile, vetiver.

Potential physical therapeutic solutions

Arthritis: Atlas cedarwood, black pine, black spruce, cardamom, coriander seed, cypress, frankincense, ginger, juniperberry, juniper Utah, lavender true, lemongrass, marjoram sweet, myrrh, Norway pine, nutmeg, plai, rhododendron, rosemary, Scots pine, sweet marjoram, thyme ct linalool, thymol, turmeric, white spruce, West Indian bay
Dysbiosis: bitter orange, caraway seed, fennel, peppermint, star anise
Inflammation and pain: angelica root, Atlas cedar, balsam copaiba, bergamot, black pepper, black spruce, cananga, cedarwood Atlas, cinnamon leaf, clary sage, clove bud, combava peel, coriander seed, cypress, E. globulus, E. smithii, E. staigeriana, fennel, frankincense, galangal, galbanum, German chamomile, ghandi root, ginger, grapefruit, hemlock, ho leaf, juniperberry, lemon, lemongrass, mandarin, melissa, neroli, nutmeg, palmarosa, patchouli, rose, rosemary, Scots pine, spike lavender, sweet marjoram, sweet orange, thyme ct linalool, ct thymol, West Indian bay, white pine, yuzu
Respiratory inflammation, bronchoconstriction: Atlas cedarwood, balsam copaiba, black spruce, blue cypress, clary sage, frankincense, ghandi root, ginger,

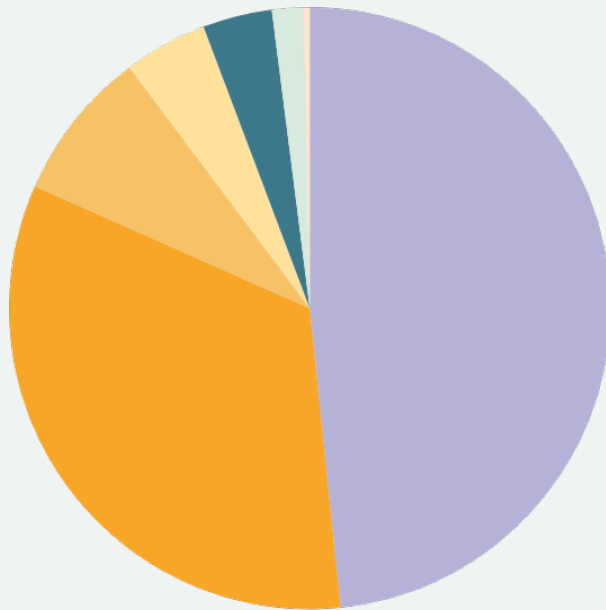
hemlock, hinoki, hops, hyssop ct linalool, juniperberry, niaouli, plai, ravintsara, marjoram sweet, tea tree
 Skin damage: cypress, German chamomile, golden champaca, jasmine, niaouli, osmanthus, patchouli, poplar bud, rose, sandalwood, violet leaf
 Wound healing: balsam copaiba, bergamot, blackcurrant bud, cypress, E. staigeriana, German chamomile, galbanum, helichrysum, juniperberry, myrrh, patchouli, poplar bud, rose, sandalwood, spike lavender, sweet marjoram, Virginian cedarwood

References

Rhind JP. (2019) Essential Oils 3rd Edition. London: Singing Dragon
 Tisserand R, Young R. (2014) Essential Oil Safety 2nd Edition. Edinburgh: Churchill Livingstone

Scent Notes	Psychological rankings	Physical rankings
Top middle	Meditative	1 Digestive 3
	Energising	2 Neurological 3
	Balancing	3 Respiratory 1
	Calming	3 Immune/Infection 2
		Muscular/Skeletal 2
		Skin 3

Ingredient notes



Chemical families

esters	50.04%
monoterpenols	34.44%
sesquiterpenes	8.4%
monoterpenes	4.64%
oxides	3.86%
ketones	1.76%
ethers	0.33%

Complete chemical breakdown

esters

linalyl acetate	42.35%
lavandulyl acetate	4.49%
geranyl acetate	1.17%
octenyl acetate	0.7%
neryl acetate	0.68%
bornyl acetate	0.65%

sesquiterpenes

b-caryophyllene	4.03%
caryophyllene	2.7%
b-farnesene	1.05%
humulene	0.24%
y-cadinene	0.23%

monoterpenols

linalool	27.57%
α-terpineol	2.69%
borneol	2.17%
terpinen-4-ol	1.38%
nerol	0.63%

monoterpenes

d-3-carene	1.38%
b-ocimene	0.7%
b-myrcene	0.67%
camphene	0.49%
p-cymene	0.4%

α-humulene	0.15%
-------------------	--------------

terpinolene	0.35%
--------------------	--------------

ocimene	0.27%
----------------	--------------

sabinene	0.17%
-----------------	--------------

α-pinene	0.16%
-----------------	--------------

limonene	0.05%
-----------------	--------------

oxides

1,8 cineole	2.61%
--------------------	--------------

caryophyllene oxide	0.95%
----------------------------	--------------

linalool oxide	0.3%
-----------------------	-------------

ethers

methyl eugenol	0.33%
-----------------------	--------------

ketones

octanone	0.75%
-----------------	--------------

camphor	0.6%
----------------	-------------

cryptone	0.41%
-----------------	--------------
