

Citronella Oil

Common Name:	Citronella (Java Type)
Botanical Name:	<i>Cymbopogon winterianus</i> Jowitt.
Source:	Cultivated
Introduction / Variety of plant / Method of extraction / Distilled organ:	Citronella oil is obtained by steam distillation of partially wilted leaves of <i>Cymbopogon winterianus</i> Jowitt.
1. Organoleptic Properties	
Appearance	Fluid liquid
Color	Light yellow
Aroma	Fresh & Sweet
2. Physico-chemical Properties	
Specific gravity	0.8820 to 0.8875 at 23° C
Optical rotation	[-] 2° to [-] 4° at 23° C
Refractive index	1.4750 to 1.4885 at 23° C
Acid number	0.5 to 3.5
Ester number	20 to 40
Ester number after acetylation	250 to 280
Solubility	Soluble in 0.8 to 1.5 vol. of 80% alcohol
Total alcohol	80 to 90% (calculated as geraniol)
Aldehyde content	21.5 to 35% (Hydroxylamine hydrochloride method)
3. Uses	
(a) In perfumery for the scenting of soaps and in the production of technical preparations	
(b) Medicinal & Aromatherapy use: Anti-infectious, antiseptic, antibacterial, antidepressant, antispasmodic, anti-inflammatory, deodorant, diaphoretic fungicidal, insect repellent (mosquito), stomachic, excessive perspiration, oily skin and hair, room deodorizer, rheumatism and arthritic pain	