

Certificate of Analysis

Product: Lemongrass Cochin Essential Oil

Botanical Name: *Cymbopogon flexuosus*

Country of Origin: India

PHYSICAL AND CHEMICAL PROPERTIES

TEST	SPECIFICATION	RESULT
Appearance	Yellow to light brown-red liquid	Conforms
Odour	Characteristic	Conforms
Specific Gravity	0.880 to 0.930 @ 20°C	Conforms
Refractive Index	1.4690 to 1.4950 @20°C	Conforms
Optical Rotation	-10.0° to +18.0° @ 20°C	Conforms

GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

CONSTITUENT	SPECIFICATION	RESULT
Citral A		40.93%
Citral B		31.26%
Geraniol		7.37%
Geranyl acetate		3.89%