

LEMON OIL

		Essential Lemon Oil	Folded Lemon Oil	Lemon Essence Oil	Distilled Lemon Oil	Lemon Terpenes
Organoleptic characteristics	Unit					
Colour		Pale to deep yellow or yellow-green	Green/yellow	Clear	Clear	Transparent
Appearance		Clear liquid	Green/yellow liquid	Clear liquid	Clear liquid	Clear liquid
Flavor and aroma		Typical of lemon	Typical of lemon	Typical of lemon	Typical of lemon	Typical of lemon
Chemical and physical						
Aldehydes by titration calculated as citral	wt%	>2.30	10% - 14%	1.7 - 3.5	1.7 - 4.0	< 1%
Optical Rotation at 25 °C		58.00 - 71.00	+60.0 - +75.0	60.00 - 67,00	58.00 - 68.00	60 - 65
Refractive Index at 20 °C		1.4730 - 1.4760	1.4650 - 1.4850	1.4700 - 1.4740	1.4700 - 1.4740	1.4730 - 1.4760
Specific Gravity at 25 °C	g/l	0.8480 - 0.8540	0.840 - 0.885	Around 0.850	Around 0.850	0.850 - 0.855
Evaporation Residue	wt%	1.7 - 3.5	-	-	-	-
Additional information						
Storage (room temperature)	°C	10 - 15	-	10 - 15	10 - 15	-
Shelf life	months	36	-	36	36	-
Packaging		Metal drums	-	Metal drums	Metal drums	-