

Methyl Oleate

Description

Methyl Oleate is a fatty acid methyl ester resulting from the formal condensation of the Carboxy group of oleic acid with methanol. It derives from an oleic acid. ChEBI. Oleic acid methyl ester is a clear to amber liquid. Insoluble in water.

Specification

product must be stored between 5-25°C. Freezing and direct sun light must be avoided.

Specification

Appearance	Liquid
Color	Light Yellow
Clarity	Clear
Acid Value, mg.KOH/gr	1 Max
Saponification Value, mg.KOH/gr	198.9
Iodine Value, gr.I₂/100 gr	128.2
Density @ 25°C, gr/cm³	0.902
Solubility in water	Insoluble
Moisture Content %	0.06
Glycerin %	2.93
Flash Point °C	168
Smoking Point °C	120
Shelf life	12 months Max
Storage conditions	Containers should be well sealed to prevent water evaporation and skin forming. The

Applications

Methyl Oleate is used as a chromatographic reference standard in biochemical research. It is also used as an intermediate for detergents, emulsifiers, wetting agents, stabilizers, and textile treatments, plasticizers for duplicating inks, rubbers and waxes. It finds application as lubricants and lubricant additives.



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