



Version	00
Molecular weight	310.51
Molecular Formula	C20 H38 O2
CAS No	111-62-6
Linear Formula	CH3(CH2)7CHCH(CH2)7COOC2H5
Flash Point (°C)	160

Certificate of Analysis

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Catalog Number	41029	Quality Test / Release Date	12/15/2023
Lot Number	A0458533	Suggested retest date	12/15/2028
Description	Ethyl oleate,98%,mixture of homologeous fatty acid esters		
Country of Origin	INDIA		
Declaration of Origin	plant		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Form)	Clear viscous liquid	Clear viscous liquid
Color scale	=<70 APHA	40 APHA
Infrared spectrum	Conforms	Conforms
Assay	>=97.5 % (ester)	98.2 % (ester)
Saponification value	177 to 188 mg KOH/g	179 mg KOH/g
Acid value	=<0.5 mg KOH/g	=<0.5 mg KOH/g
Water	=<1 % (K.F.)	0.1 % (K.F.)
GC	>=60 % (oleic acid)	90 % (oleic acid)
Density	(20°C) 0.869 to 0.874	(20°C) 0.869
Refractive index	1.4490 to 1.4530 (20°C, 589 nm)	1.4513 (20°C, 589 nm)
Stabilizer	80 to 120 ppm BHA content	110 ppm BHA content

C. Wygaerts, QA Manager

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