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|-------------------|----------------------------|
| 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 | 02/20/2023 |
| Lot Number | A0450572 | Suggested retest date | 02/20/2028 |
| 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 | =<50 APHA |
| Infrared spectrum | Conforms | Conforms |
| Assay | >=97.5 % (ester) | 98.8 % (ester) |
| Saponification value | 177 to 188 mg KOH/g | 188 mg KOH/g |
| Acid value | =<0.5 mg KOH/g | 0.1 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) | 1.4512 (20°C, 589 nm) |
| Stabilizer | 80 to 120 ppm BHA content | 105 ppm BHA content |

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