

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 21156  
**Lot Number** 000966-7-89-2  
**Product** **4-Methylumbelliferyl oleate**

Oleic acid-4-methylumbelliferyl ester

**CAS Number** 18323-58-5  
**Molecular Formula** C<sub>28</sub>H<sub>40</sub>O<sub>4</sub>

**Molecular Weight** 440.62

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**Appearance** Low melting white solid  
**Solubility** Soluble in chloroform and ethylacetate.  
**TLC System** R<sub>f</sub> = 0.5 [Ethyl acetate/Hexane (3:7)], Single spot  
Visualised with UV and KMnO<sub>4</sub>.

**Analysis by Mass Spectra** Conforms to standard

**<sup>1</sup>H NMR** Conforms to structure

**Purity** 98% (NMR)

**Storage** Store at 0-8 °C

**Remarks** See material safety data sheet for additional information  
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager