

# Chem-Impex International, Inc.

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Manufacturing site:

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Wood Dale, IL 60191

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## Certificate of Analysis

**Catalogue Number** 30767  
**Product** **Undecylenic acid**

**Lot Number** 002344-2582  
10-Undecenoic acid

**CAS Number** 112-38-9  
**Molecular Formula** C<sub>11</sub>H<sub>20</sub>O<sub>2</sub>  
**Molecular Weight** 184.28

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**Appearance** White solid or colorless to pale yellow liquid  
**Odor** Sharp, fatty oily odor  
**Flash Point** > 93 °C  
**Specific Gravity** 0.9124 at 25 °C  
**Refractive Index** n<sub>25D</sub> 1.4480  
**Purity by GC** 99.30%  
**Storage** Store at 0 - 8 °C  
**Country of Origin** USA  
**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