

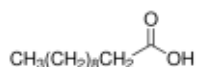
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## Product Specification

Product Name:  
Undecanoic acid – ≥99%, FG

Product Number: **W324507**  
CAS Number: 112-37-8  
MDL: MFCD00002730  
Formula: C<sub>11</sub>H<sub>22</sub>O<sub>2</sub>  
Formula Weight: 186,29 g/mol



### TEST

### Specification

Appearance (Color)	Colorless to Light Yellow and White to Light Yellow
Appearance (Form)	Liquid or Solid
Initial Melting Point	≥ 28 °C
Final Melting Point	≤ 31 °C
Infrared spectrum	Conforms to Structure
Purity (Titration by NaOH)	97.0 - 103.0 %
Purity (GC)	≥ 99.0 %
Headspace GC	≤ 250 ppm
Toluene	
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 10 ppm
Expiration Date Period	-----
5 Years	

Specification: PRD.6.ZQ5.10000037076

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.