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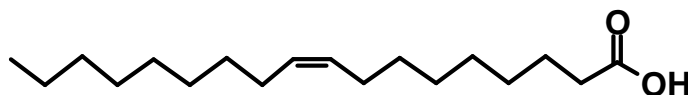
## Product Specifications

### **Oleic Acid, > 99%**

**CAS** 112-80-1

**Syn:** *cis*-9-Octadecenoic Acid, Elainic Acid

**Structure:**



**Mol. Formula**  
**Source**

**C<sub>18</sub>H<sub>34</sub>O<sub>2</sub>**  
*Tall Oil*

**Mol. Wt.**

282.46

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### *Test*

### *Specification*

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<b>Appearance</b>	Clear, colorless liquid (oil); white, cast solid @ < 20 °C
<b>Color (APHA)</b>	< 20
<b>Bp</b>	194 –195 °C/ 1.2 mm Hg
<b>Mp</b>	~ 18 °C
<b>Oleic Acid (glpc, FAME)</b>	> 99%
<b>Total Polyunsat.</b>	< 1 %
<b>Saponification Number</b>	196-206
<b>Acid Number</b>	196-204
<b>Peroxide Value</b>	< 0.5
<b>d<sub>25 °C</sub></b>	0.887 g/mL
<b>RI, η<sub>D</sub><sup>20 °C</sup></b>	1.459 [Lit.]
<b>Heavy Metals</b>	< 10 ppm
<b>Iodine Value</b>	83-95
<b>Water Content (K-F)</b>	< 0.2%

**Storage:** Maintain in a cool, dry confinement

**Shelf-life:** 2 Years in original unopened container, when stored as recommended

**Preservatives:** None