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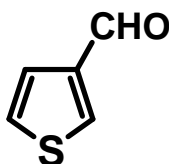
## Product Specifications

### **3-Thiophenecarboxaldehyde**

**CAS** 498-62-4

**Syn:** 3-Thienaldehyde

**Structure:**



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

**C<sub>5</sub>H<sub>4</sub>OS**  
*Synthetic*

**Mol. Wt.**

112.16

<i>Test</i>	<i>Specification</i>
<b>Identity</b>	Infrared, H-NMR
<b>Appearance</b>	Yellow to brown liquid, darkens with time; characteristic pungent odor
<b>Bp</b>	86-87 °C/20 mm Hg
<b>Assay (glpc)</b>	
3-Thiophenecarboxaldehyde	> 98%
2-Thiophenecarboxaldehyde	< 0.1 %
5-Thiophenecarboxaldehyde	< 0.1 %
<b>d<sub>25</sub><sup>°C</sup></b>	1.28 g/mL [Lit.]
<b>RI, η<sub>D</sub><sup>20 °C</sup></b>	1.582 [Lit.]
<b>Fp</b>	75 °C

**Caution:** Flammable liquid!