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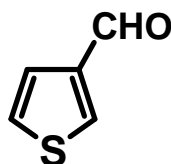
Product Specifications

3-Thienaldehyde

CAS 498-62-4

Syn: 3-Thiophenecarboxaldehyde

Structure:



Mol. Formula
Source

C₅H₄OS
Synthetic

Mol. Wt.

112.16

<i>Test</i>	<i>Specification</i>
Identity	Infrared, H-NMR
Appearance	Yellow to brown liquid, darkens with time; characteristic pungent odor
Bp	86-87 °C/20 mm Hg
Assay (glpc)	
3-Thiophenecarboxaldehyde	> 98%
2-Thiophenecarboxaldehyde	< 0.1 %
5-Thiophenecarboxaldehyde	< 0.1 %
d₂₅ °C	1.28 g/mL [Lit.]
RI, η_D²⁰ °C	1.582 [Lit.]
Fp	75 °C

Caution: Flammable liquid!