## **Certificate of Analysis**

## 2-Thiophenecarboxaldehyde

 Cat. No.:
 HY-W012941

 CAS No.:
 98-03-3

 Batch No.:
 244921

Chemical Name: 2-Thiophenecarboxaldehyde

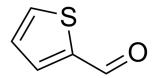
## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_5H_4OS$  Molecular Weight: 112.15

Storage: -20°C, protect from light, stored under nitrogen

\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

**Chemical Structure:** 



## **ANALYTICAL DATA**

Appearance: Colorless to light yellow (Liquid)

<sup>1</sup>H NMR Spectrum: Consistent with structure

 Purity (GC):
 99.55%

 Water(KF):
 0.06%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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