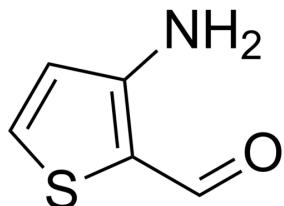


## Certificate of Analysis

**Product Name:** 3-Aminothiophene-2-carbaldehyde  
**Cat. No.:** CS-0370441  
**CAS No.:** 56489-01-1  
**Batch No.:** Lf0506131998  
**Chemical Name:** 2-Thiophenecarboxaldehyde, 3-amino-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>5</sub>H<sub>5</sub>NOS  
**Molecular Weight:** 127.17  
**Storage:** -20°C, sealed storage, away from moisture  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Brown to red (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (HPLC):** 96.56%  
**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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