

## Certificate of Analysis

Product Name: 1-(5-Nitrothiophen-2-yl)ethanone  
Cat. No.: GF46234  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 39565-00-9  
Molecular Formula: C<sub>6</sub>H<sub>5</sub>NO<sub>3</sub>S  
Molecular Weight: 171.17  
Storage: 2-8°C, protect from light away from moisture sealed storage

Chemical Structure:



### ANALYTICAL DATA

Appearance: A solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >95.00%  
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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