



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-206183  
Lot Number: SAMPLE  
Product Name: 1-Methylthymine  
CAS Number: 4160-72-9  
Molecular Formula:  $C_6H_8N_2O_2$   
Molecular Weight: 140.14

| Test                         | Specification                                                                                           | Result                                  |
|------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Appearance                   | White to off-white powder                                                                               | White powder                            |
| Identification ( $^1H$ -NMR) | Consistent with structure                                                                               | Complies                                |
| Purity (HPLC)                | $\geq 98\%$                                                                                             | $> 98\%$                                |
| Solubility                   | Colorless to very faint yellow and clear to very slightly hazy solution at 10 mg/mL, CH <sub>3</sub> OH | Almost colorless and very slightly hazy |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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