



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-480603  
Lot Number: SAMPLE  
Product Name: 4-Amino-5-(formamidomethyl)-2-methylpyrimidine  
CAS Number: 1886-34-6  
Molecular Formula:  $C_7H_{10}N_4O$   
Molecular Weight: 166.18  
Native Source: Synthetic

| Test                               | Specification                  | Result                               |
|------------------------------------|--------------------------------|--------------------------------------|
| Appearance                         | Off-White to Pale Yellow Solid | Pale Yellow Solid                    |
| Identification (1H-NMR)            |                                | Complies                             |
| Identification (Mass Spectrometry) |                                | Complies                             |
| Purity (HPLC)                      | >95%                           | 98.65% (205 nm)                      |
| Purity (TLC)                       |                                | 98%                                  |
| Elemental Analysis                 |                                | %C: 50.52, %H: 6.27, %N: 33.44       |
| Solubility                         |                                | DMSO (Slightly), Methanol (Slightly) |

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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