



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-206883  
Lot Number: SAMPLE  
Product Name: 4-Formylamino Antipyrine  
CAS Number: 1672-58-8  
Molecular Formula:  $C_{12}H_{13}N_3O_2$   
Molecular Weight: 231.25

Test	Specification	Result
Appearance		Pale yellow to pale orange solid
Identification ( $^1H$ -NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (TLC)		98%
Atmosphere		Inert gas
Melting Point		189 - 191 °C
Solubility		DMSO (Slightly), Methanol (Slightly)
Carbon Content	62.33%	62.20%
Hydrogen Content	5.67%	5.80%
Nitrogen Content	18.17%	18.18%

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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