



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-226683
Lot Number: SAMPLE
Product Name: 4-Hydroxyantipyrine
CAS Number: 1672-63-5
Molecular Formula: $C_{11}H_{12}N_2O_2$
Molecular Weight: 204.23

Test	Specification	Result
Appearance	White to yellow powder, crystals or crystalline powder	Off-white powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 98.5\%$	99.9%
Solution (Color)	Colorless to yellow solution at 50 mg/ml in $CHCl_3$	yellow solution at 50 mg/ml in $CHCl_3$
Solution (Turbidity)	Clear solution at 50 mg/ml in $CHCl_3$	Complies
Carbon Content	63.7% - 65.7%	64.1%
Nitrogen Content	13.5 - 13.9%	13.6%

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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