



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-210031
Lot Number: SAMPLE
Product Name: 4-Dimethylaminopyridine
CAS Number: 1122-58-3
Molecular Formula: $C_7H_{10}N_2$
Molecular Weight: 122.17

Test	Specification	Result
Appearance (Color)	White to faintly beige	White
Appearance (Form)	Powder to fine crystals with lumps	Fine crystals with lumps
Identification (1H -NMR)	Consistent with structure	Complies
Purity (Nonaqueous Titration)	98.0 - 101.0% ($HClO_4$ 0.1M)	99.6%
Purity (TLC)	$\geq 98.0\%$	100.0%
Melting Point	111 - 114 °C	111 °C
Solution (Color)	Colorless to almost colorless (100 mg/ml in methanol)	Colorless
Solution (Turbidity)	Clear (< 3.5 NTU)(100 mg/ml in methanol)	Complies

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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