



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-222608
Lot Number: SAMPLE
Product Name: 1-(Cyanomethyl)pyridinium chloride
CAS Number: 17281-59-3
Molecular Formula: $C_7H_7ClN_2$
Molecular Weight: 154.60

Test	Result
Appearance	Yellow-tan powder
Identification (1H -NMR)	Consistent with structure
Identification (Infrared Spectrum)	Consistent with structure
Purity (Silver Nitrate Titration)	99.6% (after oxygen combustion)
Melting Point	167.8 - 169.3 °C
Carbon Content	55.67%
Hydrogen Content	4.71%
Nitrogen Content	18.68%

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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