



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-206255  
Lot Number: SAMPLE  
Product Name: 1,4-Dimethylpyridinium p-toluenesulfonate  
CAS Number: 78105-28-9  
Molecular Formula:  $C_{14}H_{17}NO_3S$   
Molecular Weight: 279.35

Test	Specification	Result
Appearance	White to off white powder, crystals, crystalline powder and/or chunks	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	$\geq 98\%$	$> 99\%$
Solubility	Clear, colorless to yellow to orange solution at 25 mg/ml in methanol	Clear, colorless solution
Carbon Content	58.6 - 61.7%	59.9%
Nitrogen Content	4.7 - 5.2%	4.9%
Sulfur Content	11.2 - 11.8%	11.4%

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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