



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214114  
Lot Number: SAMPLE  
Product Name: 3-(Dimethylamino)benzoic acid  
CAS Number: 99-64-9  
Molecular Formula:  $(\text{CH}_3)_2\text{NC}_6\text{H}_4\text{CO}_2\text{H}$   
Molecular Weight: 165.19

Test	Specification	Result
Appearance	Light yellow to light yellow-tan powder	Light yellow powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 95\%$	98%
Solubility	Clear to very slightly hazy yellow to brown solution at 50 mg/ml in methanol	Very slightly hazy yellow brown
Carbon Content	64.1 - 66.8%	65.5%
Nitrogen Content	8.2 - 8.8%	8.7%

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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