



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-475711  
Lot Number: SAMPLE  
Product Name: N,N,N'-Trimethyl-1,4-benzenediamine Dihydrochloride  
CAS Number: 2739-08-4  
Molecular Formula:  $C_9H_{14}N_2 \cdot 2HCl$   
Molecular Weight: 223.14

Test	Specification	Result
Appearance		Pale gray to pale purple solid
Identification (1H-NMR)		Complies
Identification (Mass Spectrometry)		Complies
Purity		98%
Atmosphere		Inert gas
Elemental Analysis	%C: 48.44 %H: 7.23 %N: 12.55	48.51 7.45 12.57
Melting Point		>195°C (dec.)
Solubility		Methanol (Slightly), Water (Slightly)
Chloride		32.57%

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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