



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-231040
Lot Number: SAMPLE
Product Name: 2,4,6-Trimethylphenethylamine hydrochloride
CAS Number: 3167-10-0
Molecular Formula: $C_{11}H_{17}N$
Molecular Weight: 199.72

Test	Specification	Result
Appearance	White to tan powder, crystals or crystalline	White powder
Identification (1H-NMR)	Consistent with structure	Complies
Identification (13C-NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)	$\geq 96.5\%$	99.8%
Purity (Silver Nitrate Titration)	96.5% - 103.5%	98.8%
Melting Point		296.7 - 305.1 °C
Carbon Content	63.9% - 68.5%	65.79%
Nitrogen Content	6.8% - 7.3%	6.97%

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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