



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-252377  
Lot Number: SAMPLE  
Product Name: Aniline hydrochloride  
CAS Number: 142-04-1  
Molecular Formula:  $C_6H_5NH_2 \cdot HCl$   
Molecular Weight: 129.59

Test	Specification	Result
Appearance (Color)	White to off-white	Off-white
Appearance (Form)	Powder, Crystals and/or lumps	Crystals
Identification (1H-NMR)	Consistent with structure	Complies
Purity (Argentometric Titration)	98.5% - 101.5%	99.9%
Solution (Color)	Colorless to tan at 100 mg/ml in water	Colorless at 100 mg/ml in water
Solution (Turbidity)	Clear to faint hazy at 100 mg/ml in water	Clear (< 3.5 NTU) at 100 mg/ml in water

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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