



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214584
Lot Number: SAMPLE
Product Name: Benzidine dihydrochloride
CAS Number: 531-85-1
Molecular Formula: $C_{12}H_{12}N_2 \cdot 2HCl$
Molecular Weight: 257.16

Test	Specification	Result
Appearance	White to off-white powder	Off-white powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Argentometric Titration)	98.5 - 101.5%	100.0%
Purity (TLC)	$\geq 98.5\%$	> 99%
Solubility	Clear colorless to faint yellow at 50 mg/ml in 0.2 N hydrochloric acid	Clear very faint yellow

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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