



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-281470
Lot Number: SAMPLE
Product Name: 6-Aminoindoline dihydrochloride
CAS Number: 28228-73-1
Molecular Formula: $C_8H_{10}N_2 \cdot 2HCl$
Molecular Weight: 207.10

Test	Specification	Result
Appearance	White to off white crystalline powder	Off white crystalline powder
Identification (FTIR)	Consistent with reference	Complies
Purity (Argentometric Titration)	98.0 - 102.0%	101.3%
TLC	Consistent with reference	Complies
Melting Point	272 - 276 °C	276 °C
Solution (Color)	Colorless to slightly yellow at 0.5% in water	Slightly yellow
Solution (Turbidity)	≤ 2.0 NTU(0.5% in water)	0.4 NTU
Loss on Drying	$\leq 1\%$ (105 °C, 3 hours)	0.1%

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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