



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-280000
Lot Number: SAMPLE
Product Name: Poly(allylamine hydrochloride)
CAS Number: 71550-12-4
Molecular Formula: $(C_3H_7N \cdot HCl)_n$
Molecular Weight: 120,000 - 200,000

Test	Specification	Result
Appearance	White to beige crystal chunks or powder	Beige crystal chunks
Assay (Polymer Content)	$\geq 95\%$	99%
Melting Point	$>300\text{ }^{\circ}\text{C}$	$>300\text{ }^{\circ}\text{C}$
Solubility	100 mg/mL in H ₂ O. Clear colorless solution	Complies
Loss on Drying	$\leq 44\%$	15.6%

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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