



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-476278
Lot Number: SAMPLE
Product Name: Poly(hexamethylenecyanoguanide-hexamethylenediamine) Hydrochloride
CAS Number: 27083-27-8
Molecular Formula: $(C_{10}H_{18}N_8 \cdot C_6H_{16}N_2)_x \cdot HCl$
Molecular Weight:

Test	Result
Appearance	White solid
Identification (FTIR)	Consistent with structure
Identification (1H-NMR)	Consistent with structure
Identification (13C-NMR)	Consistent with structure
Atmosphere	Inert gas
Melting Point	> 85 °C (dec.)
Solubility	DMSO, Methanol (slightly), Water (slightly)
Chloride	18.3%

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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