

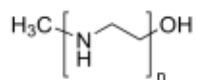
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Product Specification

Product Name:
Polyethylenimine, linear - average M_n 5,000, PDI ≤ 1.3

Product Number: **764582**
CAS Number: 9002-98-6



Formula: $(CH_2CH_2NH)_n$

Storage Temperature: 2 - 8 °C

TEST	Specification
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Appearance (Color)	White to Faint Yellow and Faint Beige and Faint Brown
Appearance (Form)	Powder or Solid or Chunk(s)
Proton NMR spectrum	Conforms to Structure
Carbon (Dry Basis)	
Specification: Report Results	
Nitrogen (Dry Basis)	
Specification: Report Results	
Water (by Karl Fischer)	$\leq 20 \%$
Molecular Number by GPC	4500 - 5500
(0.5M NaAc/0.5M HOAc, dn/dc 0.30)	
Poly Dispersity MW/MN	< 1.3

Specification: PRD.2.ZQ5.10000034459

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.