

## Certificate of Analysis

Date of Testing: 2024-08-20 18:49:21  
Date of Next Testing: 2027-08-20 18:49:21  
Product Name: **Poly(ethyleneimine) solution**  
CAS Number: 9002-98-6  
Specifications & Purity: M.W. 1200,50% in H2O  
Lot #: H2409628  
SKU #: **P434394**  
Version: **2**  
Analysis #: **402123**

Parameter	Limit Values	Result
Concentration(in H2O)	48-52 (%)	48.37620 %
Purity(HPLC area)	98-100 (%)	99.97 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager