

Certificate of Analysis

Date of Testing: 2025-05-21 15:09:44
Date of Next Testing: 2027-05-11 15:09:44
Product Name: **Ethylene imine polymer(PEI)**
CAS Number: 9002-98-6
Specifications & Purity: $\geq 99\%$, M.W. 300
Lot #: E2514319
SKU #: **E498552**
Version: **1**
Analysis #: **500131**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|------------------------|-----------------------|-----------------------|
| Viscosity(25 °C, neat) | 200-500 (mPa·S) | 257.00 mPa·S |
| PH(5% in water) | 10-12 | 11.40 |
| Purity(HPLC area) | 99-100 (%) | 99.70 % |
| Infrared spectrum | conforms to structure | Conforms to Structure |



John Su
QA & QC Manager