

## Certificate of Analysis

Date of Testing: 2023-07-12 15:58:21  
Date of Next Testing: 2025-07-01 15:58:21  
Product Name: **Ethylene imine polymer**  
CAS Number: 9002-98-6  
Specifications & Purity: M.W. 300, 99%  
Lot #: G2301340  
SKU #: **E498552**  
Analysis: **240351**

| Parameter              | Limit Values          | Result                |
|------------------------|-----------------------|-----------------------|
| Viscosity(25 °C, neat) | 200-500 (mPa·S)       | 253.00 mPa·S          |
| Purity(HPLC area)      | 99-100 (%)            | 99.80 %               |
| PH(5% in water)        | 10-12                 | 11.40                 |
| Infrared spectrum      | conforms to structure | Conforms to Structure |



John Su  
QA & QC Manager