

## Certificate of Analysis

Date of Testing: 2024-01-15 15:22:06  
Date of Next Testing: 2026-01-04 15:22:06  
Product Name: **Ethylene imine polymer**  
CAS Number: 9002-98-6(water)  
Specifications & Purity: M.W. 70,000,50% in water  
Lot #: A2402231  
SKU #: **E107080**  
Analysis: **308882**

| Parameter                | Limit Values                     | Result                           |
|--------------------------|----------------------------------|----------------------------------|
| PH(5% in water)          | 10-12                            | 10.90                            |
| Concentration            | 49-51 (%)                        | 50.10%                           |
| Viscosity(25 °C,neat)    | 10000-20000 (mPa·S)              | 17000.00 mPa·S                   |
| Average Molecular Number | 65000-75000                      | 70000.00                         |
| Appearance (E107080)     | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum        | Conforms to Structure            | Conforms to Structure            |



John Su  
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