

## Certificate of Analysis

Date of Testing: 2023-08-22 14:18:11  
Date of Next Testing: 2025-08-11 14:18:11  
Product Name: **Ethylene imine polymer**  
CAS Number: 9002-98-6(water)  
Specifications & Purity: M.W. 70,000,50% in water  
Lot #: K2104562  
SKU #: **E107080**  
Analysis: **267076**

Parameter	Limit Values	Result
PH(5% in water)	10-12	10.78
Average Molecular Number	65000-75000	65601.00
Concentration	49-51 (%)	50.12%
Viscosity(25 °C,neat)	10000-20000 (mPa·S)	16800.00 mPa·S
Appearance (E107080)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager