

## Certificate of Analysis

Date of Testing: 2024-08-09 16:39:07  
Date of Next Testing: 2026-07-30 16:39:07  
Product Name: **Ethylene imine polymer**  
CAS Number: 9002-98-6(water)  
Specifications & Purity: M. N. 70000, 50% aqueous solution  
Lot #: G2429475  
SKU #: **E107080**  
Version: **1**  
Analysis #: **377834**  
Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
PH(5% in water)	10-12	10.90
Concentration	49-51 (%)	50.00%
Viscosity(25 °C, neat)	10000-20000 (mPa·S)	17100.00 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  
QA & QC Manager