

## Certificate of Analysis

Date of Testing: 2022-11-14 18:21:24  
Date of Next Testing: 2024-11-03 18:21:24  
Product Name: **Ethylene imine polymer**  
CAS Number: 9002-98-6  
Specifications & Purity: M.W. 10,000,99%  
Lot #: K2211265  
SKU #: **E107079**  
Analysis: **145904**

Parameter	Limit Values	Result
Purity	99-100 (%)	99.80 %
Water by Karl Fischer	0-1 (%)	0.50 %
PH(5% in water)	10-12	11.10
Viscosity(25 °C,neat)	40000-150000 (cP)	91000.00 cP
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (E107079)	colorless viscous liquid	colorless viscous liquid



John Su  
QA & QC Manager