

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-15 14:05:09

Date of Next Testing: 2027-08-05 14:05:09

Product Name: **Ethylene imine polymer(PEI)**

CAS Number: 9002-98-6(water)

Specifications & Purity: M. N. 70000, 50% aqueous solution

Lot #: H2501153

SKU #: **E107080**

Version: **2**

Analysis #: **547308**

Storage Temperature: Protected from light,Room temperature,Argon charged

| Parameter | Limit Values | Result |
|--------------------------|----------------------------------|----------------------------------|
| PH(5% in water) | 10-12 | 10.90000 |
| Concentration | 49-51 (%) | 50.00000 % |
| Viscosity(25 °C,neat) | 10000-20000 (mPa·S) | 16800.00000 mPa·S |
| Average Molecular Number | 65000-75000 | 70000.00000 |
| Appearance (E107080) | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solvent(Water) | Conform | Conform |



John Su
QA & QC Manager