

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-19 16:06:31  
Date of Next Testing: 2027-07-19 16:06:31  
Product Name: **Poly(ethyleneimine) solution**  
CAS Number: 9002-98-6  
Specifications & Purity: ~50% in H<sub>2</sub>O  
Lot #: G2412585  
SKU #: **P434393**  
Version: **2**  
Analysis #: **339271**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Solid content)	45-55 (%)	46.05600 %
Viscosity(20 °C, neat)	18-40 (Pa·S)	24.15000 Pa·s
Molecular Weight	600000-1000000	750000.00
Appearance(P434393)	Colorless to Very Light Yellow and Colorless to Very Light Green-Yellow Liquid or Viscous Liquid	Colorless to Very Light Yellow and Colorless to Very Light Green-Yellow Liquid or Viscous Liquid
Infrared spectrum	conforms to structure	Conforms to Structure



John Su  
QA & QC Manager