

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-08 13:48:27

Date of Next Testing: 2028-09-07 13:48:27

Product Name: **Poly(ethyleneimine) solution(PEI)**

CAS Number: 9002-98-6

Specifications & Purity: M.W. 600000-1000000, ~50% in H₂O

Lot #: I2503062

SKU #: **P434393**

Version: **2**

Analysis #: **201905**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Molecular Weight	600000-1000000	750000.00000
Viscosity(20 °C, neat)	18-40 (Pa·S)	18.10000 Pa·s
Purity(Titration by N-Determination according to Kjeldahl)	47-53 (%)	50.40552 %
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