

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-25 10:02:45  
Date of Next Testing: 2027-05-25 10:02:45  
Product Name: **Poly(ethyleneimine) solution**  
CAS Number: 9002-98-6  
Specifications & Purity: average Mw ~2,000 by LS, average Mn ~1,800 by GPC, 50 wt. % in H2O  
Lot #: E2423415  
SKU #: **P434395**  
Version: **2**  
Analysis #: **358776**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Assay (dry basis)	48-52 (%)	50.20000 %
Appearance(P434395)	Colorless to Faint Yellow Liquid	Colorless to Faint Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Molecular Weight	Conforms	Conforms



John Su  
QA & QC Manager