

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-08 16:58:55  
Date of Next Testing: 2026-06-07 16:58:55  
Product Name: **Polyethylenimine, branched**  
CAS Number: 9002-98-6  
Specifications & Purity: average Mw ~25,000 by LS, average Mn ~10,000 by GPC, branched  
Lot #: E2323585  
SKU #: **P434400**  
**Analysis:** **224184**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.50 %
viscosity	13000-18000 (mPa·S)	16800.00000 mPa·S
Appearance(P434400)	Colorless Viscous Liquid	colorless viscous liquid
Infrared spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager