

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-10 10:34:30  
Date of Next Testing: 2025-01-30 10:34:30  
Product Name: **Polyethylenimine, ethylenediamine branched**  
CAS Number: 25987-06-8  
Specifications & Purity: average Mw ~800, average Mn ~600  
Lot #: B2304714  
SKU #: **P121256**  
Analysis: **173282**

Parameter	Limit Values	Result
viscosity	800-5000 (cP)	1770.00 S
Water by Karl Fischer	0-2 (%)	1.01 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (P121256)	Colorless to Pale Yellow Viscous Liquid	Colorless to Pale Yellow Viscous Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager