

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-04 14:41:14  
Date of Next Testing: 2028-06-03 14:41:14  
Product Name: **Poly(ethylene glycol) (PEG)**  
CAS Number: 25322-68-3  
Specifications & Purity: 35000  
Lot #: E2520646  
SKU #: **P432416**  
Version: **1**  
Analysis #: **308910**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	64-66 (°C)	65.85000 °C
Water by Karl Fischer	0-1 (%)	0.30990 %
Sulfated Ash	0-0.2 (%)	0.00000 %
Viscosity(50% in H <sub>2</sub> O, 20°C)	11000-14000 (mPa·S)	11160.00000 mPa·S
Hydroxyl value	2.5-4.5 (mgKOH/g)	3.72000 mgKOH/g
Appearance(P432416)	Colorless or White Powder or Crystals or Flakes	Colorless or White Powder or Crystals or Flakes
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager