

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-21 10:53:56  
Date of Next Testing: 2030-04-20 10:53:56  
Product Name: **Polyethylene glycol (PEG)**  
CAS Number: 25322-68-3  
Specifications & Purity: average Mn 6000  
Lot #: D2616439  
SKU #: **P103725**  
Version: **1**  
Analysis #: **454737**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Melting point	62-65 (°C)	62.31000 °C
Hydroxy Value	16-22 (mgKOH/g)	17.88000 mgKOH/g
Molecular number	5400-7800	5733.00000
Water by Karl Fischer	0-1 (%)	0.34790 %
PH(5% in water)	5-8	6.06000
Ignition Residue	0-0.2 (%)	0.00000 %
viscosity	10.5-16.5 (mm <sup>2</sup> /s)	16.49000 mm <sup>2</sup> /s
Ethyleneoxide	0-1 (ppm)	0.98000 ppm
Appearance (P103725)	Colorless or White Powder or Crystals or Flakes	Colorless or White Powder or Crystals or Flakes
Solubility in H <sub>2</sub> O	Almost transparency	almost transparency



John Su  
QA & QC Manager