

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-28 14:12:59
 Date of Next Testing: 2029-09-27 14:12:59
 Product Name: **Polyethylene glycol (PEG)**
 CAS Number: 25322-68-3
 Specifications & Purity: average Mn 6000
 Lot #: I2519688
 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 ² /s)	16.49000 mm ² /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 ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager