

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-30 09:35:01

Date of Next Testing: 2029-07-29 09:35:01

Product Name: **Polyethylene glycol (PEG)**

CAS Number: 25322-68-3

Specifications & Purity: average Mn 6000

Lot #: G2516572

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