

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-11 13:06:31  
Date of Next Testing: 2027-09-10 13:06:31  
Product Name: **Polyethylene glycol**  
CAS Number: 25322-68-3  
Specifications & Purity: average Mn 6000  
Lot #: I2311222  
SKU #: **P103725**  
**Analysis:** **272949**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Melting point	62-65 (°C)	63.73000 °C
Hydroxy Value	16-22 (mgKOH/g)	20.03 mgKOH/g
Molecular number	5400-7800	6537.00
Water by Karl Fischer	0-1 (%)	0.22 %
PH(5% in water)	5-8	5.78
Ignition Residue	0-0.2 (%)	0.10 %
viscosity	10.5-16.5 (mm <sup>2</sup> /s)	12.69 mm <sup>2</sup> /s
Ethyleneoxide	0-1 (ppm)	0.50 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