

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-27 16:42:43  
Date of Next Testing: 2028-01-26 16:42:43  
Product Name: **Polyethylene glycol**  
CAS Number: 25322-68-3  
Specifications & Purity: average Mn 6000  
Lot #: A2424229  
SKU #: **P103725**  
**Analysis:** **313757**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Melting point	62-65 (°C)	63.11000 °C
Hydroxy Value	16-22 (mgKOH/g)	20.15 mgKOH/g
Water by Karl Fischer	0-1 (%)	0.58 %
PH(5% in water)	5-8	5.67
Ignition Residue	0-0.2 (%)	0.11 %
viscosity	10.5-16.5 (mm <sup>2</sup> /s)	13.50 mm <sup>2</sup> /s
Molecular number	5400-7800	5478.00
Ethyleneoxide	0-1 (ppm)	0.70 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