

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-08 13:13:10
Date of Next Testing: 2028-01-07 13:13:10
Product Name: **Polyethylene glycol**
CAS Number: 25322-68-3
Specifications & Purity: average Mn 6000
Lot #: A2405575
SKU #: **P103725**
Analysis: **302039**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Hydroxy Value	16-22 (mgKOH/g)	20.33 mgKOH/g
Molecular number	5400-7800	6077.00
Water by Karl Fischer	0-1 (%)	0.53 %
PH(5% in water)	5-8	6.22
Ignition Residue	0-0.2 (%)	0.10 %
viscosity	10.5-16.5 (mm ² /s)	12.65 mm ² /s
Ethyleneoxide	0-1 (ppm)	0.10 ppm
Melting point	62-65 (°C)	63.77000 °C
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