

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-18 13:12:31

Date of Next Testing: 2027-12-17 13:12:31

Product Name: **Polyethylene glycol**

CAS Number: 25322-68-3

Specifications & Purity: average Mn 6000

Lot #: L2318156

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