

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-10 13:12:41

Date of Next Testing: 2027-11-09 13:12:41

Product Name: **Polyethylene glycol**

CAS Number: 25322-68-3

Specifications & Purity: average Mn 6000

Lot #: K2310052

SKU #: **P103725****Analysis: 292564**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Melting point	62-65 (°C)	62.05000 °C
Hydroxy Value	16-22 (mgKOH/g)	20.30 mgKOH/g
Molecular number	5400-7800	5645.00
Water by Karl Fischer	0-1 (%)	0.33 %
PH(5% in water)	5-8	5.82
Ignition Residue	0-0.2 (%)	0.14 %
viscosity	10.5-16.5 (mm ² /s)	12.66 mm ² /s
Ethyleneoxide	0-1 (ppm)	0.30 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