

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-30 13:14:28
Date of Next Testing: 2027-10-29 13:14:28
Product Name: **Polyethylene glycol**
CAS Number: 25322-68-3
Specifications & Purity: average Mn 6000
Lot #: J2330374
SKU #: **P103725**
Analysis: **287437**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Melting point	62-65 (°C)	63.55000 °C
Hydroxy Value	16-22 (mgKOH/g)	17.68 mgKOH/g
Molecular number	5400-7800	5914.00
Water by Karl Fischer	0-1 (%)	0.35 %
Ignition Residue	0-0.2 (%)	0.14 %
viscosity	10.5-16.5 (mm ² /s)	13.52 mm ² /s
PH(5% in water)	5-8	5.12
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 ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager