

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-22 13:59:57

Date of Next Testing: 2027-07-21 13:59:57

Product Name: **Polyethylene glycol**

CAS Number: 25322-68-3

Specifications &amp; Purity: average Mn 6000

Lot #: G2314004

SKU #: **P103725****Analysis:** **216951**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Melting point	62-65 (°C)	63.23000 °C
Hydroxy Value	16-22 (mgKOH/g)	18.63 mgKOH/g
Molecular number	5400-7800	6006.00
Water by Karl Fischer	0-1 (%)	0.39 %
PH(5% in water)	5-8	5.38
Ignition Residue	0-0.2 (%)	0.17 %
viscosity	10.5-16.5 (mm <sup>2</sup> /s)	12.85 mm <sup>2</sup> /s
Ethyleneoxide	0-1 (ppm)	1.00 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