

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-12 13:27:56
Date of Next Testing: 2028-08-11 13:27:56
Product Name: **Polyethylene glycol**
CAS Number: 25322-68-3
Specifications & Purity: average Mn 6000
Lot #: H2412535
SKU #: **P103725**
Version: **1**
Analysis #: **389429**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Hydroxy Value	16-22 (mgKOH/g)	18.63 mgKOH/g
Water by Karl Fischer	0-1 (%)	0.32 %
PH(5% in water)	5-8	5.99
Ignition Residue	0-0.2 (%)	0.03 %
viscosity	10.5-16.5 (mm ² /s)	13.52 mm ² /s
Melting point	62-65 (°C)	63.84000 °C
Molecular number	5400-7800	5401.00
Ethyleneoxide	0-1 (ppm)	0.95 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