

Certificate of Analysis

Date of Testing: 2024-10-23 18:14:28

Date of Next Testing: 2028-10-22 18:14:28

Product Name: **Polyethylene glycol**

CAS Number: 25322-68-3

Specifications & Purity: average Mn 6000

Lot #: J2416525

SKU #: **P103725**

Version: **1**

Analysis #: **413795**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Melting point	62-65 (°C)	62.18000 °C
Molecular number	5400-7800	5595.00
Water by Karl Fischer	0-1 (%)	0.92 %
PH(5% in water)	5-8	5.63
Ignition Residue	0-0.2 (%)	0.00 %
Hydroxy Value	16-22 (mgKOH/g)	16.01 mgKOH/g
viscosity	10.5-16.5 (mm ² /s)	10.60 mm ² /s
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