

Certificate of Analysis

Date of Testing: 2024-12-13 13:20:21

Date of Next Testing: 2028-12-12 13:20:21

Product Name: **Polyethylene glycol**

CAS Number: 25322-68-3

Specifications & Purity: average Mn 6000

Lot #: L2411432

SKU #: **P103725**

Version: **1**

Analysis #: **433770**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Melting point	62-65 (°C)	62.15000 °C
Hydroxy Value	16-22 (mgKOH/g)	16.55 mgKOH/g
Water by Karl Fischer	0-1 (%)	0.21 %
Ignition Residue	0-0.2 (%)	0.00 %
PH(5% in water)	5-8	5.00
Molecular number	5400-7800	5420.00
viscosity	10.5-16.5 (mm ² /s)	10.50 mm ² /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 ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager