

## Certificate of Analysis

Date of Testing: 2023-07-14 17:13:11  
Date of Next Testing: 2027-07-13 17:13:11  
Product Name: **Polyethylene glycol**  
CAS Number: 25322-68-3  
Specifications & Purity: average Mn 6000  
Lot #: G2314003  
SKU #: **P103725**  
**Analysis:** **217591**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Melting point	62-65 (°C)	62.13000 °C
Hydroxy Value	16-22 (mgKOH/g)	20.30 mgKOH/g
Molecular number	5400-7800	5828.00
Water by Karl Fischer	0-1 (%)	0.54 %
PH(5% in water)	5-8	5.70
Ignition Residue	0-0.2 (%)	0.10 %
viscosity	10.5-16.5 (mm <sup>2</sup> /s)	12.80 mm <sup>2</sup> /s
Ethyleneoxide	0-1 (ppm)	0.80 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