

## Certificate of Analysis

Date of Testing: 2023-01-06 18:29:46  
Date of Next Testing: 2027-01-05 18:29:46  
Product Name: **Polyethylene glycol**  
CAS Number: 25322-68-3  
Specifications & Purity: average Mn 10000  
Lot #: A2304184  
SKU #: **P103731**  
**Analysis:** **039080**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Hydroxy Value	9-11 (mg)	9.95 mg
Melting point	61-66 (°C)	63.30000 °C
Molecular Weight	8500-11500	9442.00
PH	4-7	6.87
Ignition Residue	0-0.2 (%)	0.07 %
viscosity	19-21 (mm <sup>2</sup> /s)	20.34 mm <sup>2</sup> /s
Appearance (P103731)	white powder or flakes	white powder or flakes
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless, clear to slightly hazy,100 mg/ml	pass	Pass



John Su  
QA & QC Manager