

## Certificate of Analysis

Date of Testing: 2022-09-19 16:11:29  
Date of Next Testing: 2026-09-18 16:11:29  
Product Name: **Polyethylene glycol**  
CAS Number: 25322-68-3  
Specifications & Purity: average Mn 10000  
Lot #: I2214684  
SKU #: **P103731**  
Version: **3**  
Analysis #: **114829**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Hydroxy Value	9-11 (mg)	10.35 mg
Melting point	61-66 (°C)	63.46000 °C
Molecular Weight	8500-11500	10416.00
PH	4-7	6.14
Ignition Residue	0-0.2 (%)	0.10 %
viscosity	19-21 (mm <sup>2</sup> /s)	19.89 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



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QA & QC Manager