

Certificate of Analysis

Date of Testing: 2023-05-12 10:23:52
Date of Next Testing: 2027-05-11 10:23:52
Product Name: **Polyethylene glycol**
CAS Number: 25322-68-3
Specifications & Purity: average Mn 10000
Lot #: E2305080
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 ² /s)	19.89 mm ² /s
Appearance (P103731)	white powder or flakes	white powder or flakes
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless, clear to slightly hazy,100 mg/ml	pass	Pass



John Su
QA & QC Manager