

Certificate of Analysis

Date of Testing: 2023-10-16 15:41:48
Date of Next Testing: 2027-10-15 15:41:48
Product Name: **Polyethylene glycol**
CAS Number: 25322-68-3
Specifications & Purity: average Mn 8000
Lot #: J2309620
SKU #: **P103734**
Analysis: 242241
Storage Temperature: Desiccated

Parameter	Limit Values	Result
PH	4-7	4.60
loss on Ignition	0-0.2 (%)	0.14 %
Water by Karl Fischer	0-1 (%)	0.32 %
Melting point	59-64 (°C)	62.40000 °C
mol wt average MW	7000-9000	8995.00
Kinematic viscosity	16-21 (mm ² /s)	17.20 mm ² /s
Appearance (P103734)	white to off-white powder or flakes	white to off-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