

Certificate of Analysis

Date of Testing: 2024-02-23 15:06:47
Date of Next Testing: 2028-02-22 15:06:47
Product Name: **Polyethylene glycol**
CAS Number: 25322-68-3
Specifications & Purity: average Mn 8000
Lot #: B2421420
SKU #: **P103734**
Analysis: **314139**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
loss on Ignition	0-0.2 (%)	0.11 %
Water by Karl Fischer	0-1 (%)	0.58 %
Melting point	59-64 (°C)	61.30000 °C
PH(5% in water)	4-7	5.58
Kinematic viscosity	16-21 (mm ² /s)	17.33 mm ² /s
Average Mn	7000-9000	7003.00
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