

Certificate of Analysis

Date of Testing: 2025-02-22 14:45:35

Date of Next Testing: 2029-02-21 14:45:35

Product Name: **Polyethylene glycol**

CAS Number: 25322-68-3

Specifications & Purity: average Mn 8000

Lot #: B2520513

SKU #: **P103734**

Version: **4**

Analysis #: **471701**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
loss on Ignition	0-0.2 (%)	0.05 %
Water by Karl Fischer	0-1 (%)	0.01 %
Melting point	59-64 (°C)	59.30000 °C
Average Mn	7000-9000	8148.00
PH(5% in water)	4-7	6.02
Kinematic viscosity	16-21 (mm ² /s)	20.95 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