

## Certificate of Analysis

Date of Testing: 2023-12-13 11:08:43  
Date of Next Testing: 2027-12-12 11:08:43  
Product Name: **Polyethylene glycol**  
CAS Number: 25322-68-3  
Specifications & Purity: average Mn 8000  
Lot #: L2312301  
SKU #: **P103734**  
**Analysis: 296139**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
loss on Ignition	0-0.2 (%)	0.18 %
Water by Karl Fischer	0-1 (%)	0.36 %
Melting point	59-64 (°C)	62.50000 °C
Average Mn	7000-9000	7246.80
PH(5% in water)	4-7	6.67
Kinematic viscosity	16-21 (mm <sup>2</sup> /s)	19.35 mm <sup>2</sup> /s
Appearance (P103734)	white to off-white powder or flakes	white to off-white powder or flakes
Solubility in H <sub>2</sub> O , Colorless, clear to slightly hazy,100 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager