

## Certificate of Analysis

Date of Testing: 2022-08-29 14:24:09  
Date of Next Testing: 2026-08-28 14:24:09  
Product Name: **Polyethylene glycol**  
CAS Number: 25322-68-3  
Specifications & Purity: average Mn 8000  
Lot #: H2223593  
SKU #: **P103734**  
**Analysis:** **117775**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
PH	4-7	5.65
loss on Ignition	0-0.2 (%)	0.17 %
Water by Karl Fischer	0-1 (%)	0.63 %
mol wt average MW	7000-9000	8165.00
Melting point	59-64 (°C)	62.85000 °C
Kinematic viscosity	16-21 (mm <sup>2</sup> /s)	16.01 mm <sup>2</sup> /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 <sub>2</sub> O , Colorless, clear to slightly hazy,100 mg/ml	pass	Pass



John Su  
QA & QC Manager