

## Certificate of Analysis

Date of Testing: 2023-08-28 10:51:05  
Date of Next Testing: 2027-08-27 10:51:05  
Product Name: **Polyethylene glycol**  
CAS Number: 25322-68-3  
Specifications & Purity: average Mn 10000  
Lot #: H2324645  
SKU #: **P103731**  
**Analysis:** **307586**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Melting point	61-66 (°C)	63.37000 °C
PH	4-7	5.59
Ignition Residue	0-0.2 (%)	0.10 %
Hydroxy Value	9-11 (mgKOH/g)	10.13 mgKOH/g
Average Mn	8500-11500	10413.00
Appearance (P103731)	white powder or flakes	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