

Certificate of Analysis

Date of Testing: 2024-10-19 11:32:27

Date of Next Testing: 2028-10-18 11:32:27

Product Name: **Polyethylene glycol (PEG)**

CAS Number: 25322-68-3

Specifications & Purity: average Mn 8000

Lot #: J2410495

SKU #: **P103734**

Version: **4**

Analysis #: **409994**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
loss on Ignition	0-0.2 (%)	0.00 %
Water by Karl Fischer	0-1 (%)	0.20 %
Melting point	59-64 (°C)	60.00000 °C
PH(5% in water)	4-7	5.21
Kinematic viscosity	16-21 (mm ² /s)	19.35 mm ² /s
Average Mn	7000-9000	8176.00
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