

Certificate of Analysis

Date of Testing: 2023-10-25 16:55:27
Date of Next Testing: 2027-10-24 16:55:27
Product Name: **Polyethylene glycol**
CAS Number: 25322-68-3
Specifications & Purity: average Mn 10000
Lot #: J2318646
SKU #: **P103731**
Analysis: **242238**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Melting point	61-66 (°C)	63.37000 °C
Molecular Weight	8500-11500	10807.00
PH	4-7	5.59
Ignition Residue	0-0.2 (%)	0.10 %
Hydroxy Value	9-11 (mgKOH/g)	10.13 mgKOH/g
Appearance (P103731)	white powder or flakes	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