

## Certificate of Analysis

Date of Testing: 2023-11-03 15:25:58  
Date of Next Testing: 2027-11-02 15:25:58  
Product Name: **Polyethylene glycol**  
CAS Number: 25322-68-3  
Specifications & Purity: average Mn 400  
Lot #: J2330019  
SKU #: **P103737**  
**Analysis:** **261214**  
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.15 %
Heavy metals	0-5 (ppm)	0.21 ppm
Ethylene diglycol	0-0.2 (%)	0.10 %
Ignition Residue	0-0.2 (%)	0.05 %
Ethylene oxide	0-0.0001 (%)	0.00 %
Ethylene Glycol	0-0.2 (%)	0.10 %
PH(5% in water, 25°C)	4.5-7.5	5.93
Molecular number	380-420	389.91
Appearance (P103737)	colorless viscous liquid	colorless viscous liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager