

## Certificate of Analysis

Date of Testing: 2022-08-02 17:25:19  
Date of Next Testing: 2026-08-01 17:25:19  
Product Name: **Polyethylene glycol**  
CAS Number: 25322-68-3  
Specifications & Purity: average Mn 400  
Lot #: H2201034  
SKU #: **P103737**  
**Analysis: 116132**  
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.23 %
Heavy metals	0-5 (ppm)	3.62 ppm
Ethylene diglycol	0-0.2 (%)	0.15 %
Ignition Residue	0-0.2 (%)	0.17 %
Ethylene oxide	0-0.0001 (%)	0.00 %
Ethylene Glycol	0-0.2 (%)	0.17 %
PH(5% in water, 25°C)	4.5-7.5	6.27
Molecular number	380-420	394.00
Appearance (P103737)	colorless viscous liquid	colorless viscous liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager