

## Certificate of Analysis

Date of Testing: 2023-05-29 17:04:50  
Date of Next Testing: 2027-05-28 17:04:50  
Product Name: **Polyethylene glycol**  
CAS Number: 25322-68-3  
Specifications & Purity: average Mn 200  
Lot #: E2325894  
SKU #: **P103718**  
**Analysis:** **216494**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.458-1.463	1.46
Density (20°C)	1.124-1.129	1.13
PH (1%, water) 25 ° C	4-7	5.77000
Average Molecular Weight	190-210	205.00
Ignition Residue	0-0.2 (%)	0.00 %
Ethylene Glycol	0-0.25 (%)	0.01 %
Ethylene diglycol	0-0.25 (%)	0.10 %
Appearance (P103718)	colorless to pale yellow liquid	colorless to pale yellow liquid



John Su  
QA & QC Manager