

## Certificate of Analysis

Date of Testing: 2022-08-18 17:03:01  
Date of Next Testing: 2026-08-17 17:03:01  
Product Name: **Polyethylene glycol**  
CAS Number: 25322-68-3  
Specifications & Purity: average Mn 300  
Lot #: H2216164  
SKU #: **P103728**  
**Analysis:** **119170**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.463-1.466	1.47
PH(5% in water)	4.5-7.5	6.34
Density (20°C)	1.125-1.129	1.13
Average Molecular Weight	290-305	304.90
Appearance (P103728)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager