

## Certificate of Analysis

Date of Testing: 2024-10-19 08:53:30  
Date of Next Testing: 2028-10-18 08:53:30  
Product Name: **Poly(propylene glycol)**  
CAS Number: 25322-69-4  
Specifications & Purity: average Mw 1000  
Lot #: J2408012  
SKU #: **P103210**  
Version: **1**  
Analysis #: **410207**

Parameter	Limit Values	Result
PH(1% in Isopropanol:Water 3:2)	4-7	6.64
Water by Karl Fischer	0-0.5 (%)	0.06 %
Hydroxy Value	102-125 (mgKOH/g)	102.14 mgKOH/g
Appearance (P103210)	colorless viscous liquid	colorless viscous liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager