

## Certificate of Analysis

Date of Testing: 2024-06-06 16:15:58  
Date of Next Testing: 2028-06-05 16:15:58  
Product Name: **Poly(propylene glycol)**  
CAS Number: 25322-69-4  
Specifications & Purity: average Mw 400  
Lot #: F2405498  
SKU #: **P103209**  
Version: **0**  
Analysis #: **362624**

Parameter	Limit Values	Result
Acid Value	0-1 (mgKOH/g)	0.40 mgKOH/g
Water by Karl Fischer	0-0.5 (%)	0.24 %
Hydroxy Value	200-270 (mgKOH/g)	247.66 mgKOH/g
PH(5% in Methanol:Water 1:1)	4-7	4.23
Appearance (P103209)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager