

## Certificate of Analysis

Date of Testing: 2023-12-12 14:44:32  
Date of Next Testing: 2027-12-11 14:44:32  
Product Name: **Poly(propylene glycol)**  
CAS Number: 25322-69-4  
Specifications & Purity: average Mw 4000  
Lot #: L2306212  
SKU #: **P103212**  
Analysis: **061792**

Parameter	Limit Values	Result
Acid Value	0-0.08 (mgKOH/g)	0.04 mgKOH/g
Water by Karl Fischer	0-0.1 (%)	0.06 %
Hydroxy Value	24-28 (mgKOH/g)	26.00 mgKOH/g
Appearance (P103212)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Molecular Weight	Conforms	Conforms



John Su  
QA & QC Manager