

## Certificate of Analysis

Date of Testing: 2022-12-28 14:26:03  
Date of Next Testing: 2026-12-27 14:26:03  
Product Name: **Poly(propylene glycol) bis(2-aminopropyl ether)**  
CAS Number: 9046-10-0  
Specifications & Purity: average Mn ~230  
Lot #: L2227126  
SKU #: **P108071**  
Analysis: **091221**

Parameter	Limit Values	Result
Purity	97-100 (%)	97.16 %
Total Amine	8.1-8.7 (mmol/g)	8.32000 mmol/g
Water by Karl Fischer	0-0.25 (%)	0.12 %
Appearance (P108071)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager