

## Certificate of Analysis

Date of Testing: 2023-01-13 11:54:02  
Date of Next Testing: 2027-01-12 11:54:02  
Product Name: **Poly(propylene glycol) bis(2-aminopropyl ether)**  
CAS Number: 9046-10-0  
Specifications & Purity: average Mn ~2,000  
Lot #: A2310125  
SKU #: **P108073**  
Analysis: **172374**

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.25 (%)	0.09%
Total Amine	0.95-1.05 (mg/g)	1.02 mg/g
Appearance (P108073)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager