

## Certificate of Analysis

Date of Testing: 2023-02-04 10:09:57  
Date of Next Testing: 2027-02-03 10:09:57  
Product Name: **Poly(propylene glycol) bis(2-aminopropyl ether)**  
CAS Number: 9046-10-0  
Specifications & Purity: average Mn ~400  
Lot #: B2301531  
SKU #: **P108072**  
Analysis: **023810**

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.25 (%)	0.23 %
Total Amine	4100-4700 (meq(mg)/kg)	4500.00000 meq/kg
Appearance (P108072)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager