

Certificate of Analysis

Date of Testing: 2023-10-20 14:31:46
Date of Next Testing: 2026-10-19 14:31:46
Product Name: **Poly(ethylene glycol) dioleate**
CAS Number: 9005-07-6
Specifications & Purity: average $M_n \sim 914$
Lot #: J2312300
SKU #: **P477992**
Analysis: **281548**

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.06 %
Acid Value	0-10 (mgKOH/g)	5.77 mgKOH/g
Saponification value	112-130(mgKOH/g)	117.34 mgKOH/g
Average Mn	800-1000	970.00000
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager