

Certificate of Analysis

Date of Testing: 2025-01-20 11:55:15

Date of Next Testing: 2027-01-20 11:55:15

Product Name: **Poly(ethylene glycol)-block-poly(propylene glycol)-block-poly(ethylene glycol)**

CAS Number: 9003-11-6

Specifications & Purity: average Mn ~14,600(EO : PO=8 : 2)

Lot #: A2516360

SKU # **P131342**

Version **1**

Analysis #: **458929**

Parameter	Limit Values	Result
Cloud Point	≥100 (°C)	101.33 °C
PH(2.5% Aqueous)	6-7.4	6.90
Water by Karl Fischer	0-0.4 (%)	0.10 %
Average Mn	14100-15100	14600.00
Appearance (P131342)	White Powder or Crystals or Granules or Chunks	White Powder or Crystals or Granules or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager