

Certificate of Analysis

Date of Testing: 2024-03-22 11:48:52

Date of Next Testing: 2027-03-22 11:48:52

Product Name: **Poly(ethylene glycol) behenyl ether methacrylate solution**

CAS Number: 125441-87-4

Specifications & Purity: average $M_n \sim 1,500$, 50wt. % in methacrylic acid/water, contains 1000ppm MEHQ as stabilizer, 25% water

Lot #: C2408046

SKU #: **P477904**

Analysis: **312798**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
PH(Neat)	3-4	3.76
Viscosity(25°C)	300-700 (mPa·S)	612.00 mPa·S
Assay	49-53 (%)	49.42 %
Methacrylic Acid	22-24 (%)	23.50000 %
Water by Karl Fischer	23-27 (%)	27.00 %
Stabilizer(MEHQ)	800-1200 (ppm)	850.00000 ppm
Appearance(P477904)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager