

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-29 16:09:48
Date of Next Testing: 2028-04-28 16:09:48
Product Name: **Poly(ethylene glycol) (PEG)**
CAS Number: 25322-68-3
Specifications & Purity: UltraBio™, Suitable for molecular biology, Ultra pure, 6000
Lot #: D2528219
SKU #: **P432426**
Version: **3**
Analysis #: **498442**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	60-65 (°C)	64.70000 °C
Water by Karl Fischer	0-0.5 (%)	0.41580 %
Sulphated ash	≤0.2 (%)	0.01200 %
Aluminium(Al)	0-5 (ppm)	0.00000 ppm
Barium(Ba)	0-5 (ppm)	0.00000 ppm
Peroxide (as H ₂ O ₂)	≤ 20 (ppm)	0.00000 ppm
Molecular Number Mn (GPC-Analysis)	5400-6600	5644.00000
viscosity(rotating , 50 % IN H ₂ O, 20 °C)	210-262 (mPa·S)	258.00000 mPa·S
Appearance(P432426)	Colorless or White Powder or Crystals or Flakes	Colorless or White Powder or Crystals or Flakes
Infrared spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager