

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Poly(ethylene glycol)**
Specifications & Purity: **Ultrapure BioReagent, for molecular biology, 6,000**
SKU #: **P432426**

Parameter	Limit Values
Appearance(P432426)	Colorless or White Powder or Crystals or Flakes
Molecular Number Mn (GPC-Analysis)	Conforms
Molecular Weight Mp (GPC-Analysis)	Conforms
Molecular Weight Mw (GPC-Analysis)	Conforms
Molecular Weight Mz (GPC-Analysis)	Conforms
Polydispersity Index (PDI)(GPC-Analysis)	Conforms
Melting point	60-63 (°C)
Water by Karl Fischer	0-0.5 (%)
Sulphated ash	≤0.2 (%)
Infrared spectrum	Conforms to structure
viscosity(rotating , 50 % IN H2O, 20 °C)	210-262 (mPa·S)
Aluminium(Al)	0-5 (ppm)
Barium(Ba)	0-5 (ppm)
Peroxide (as H2O2)	≤ 20 (ppm)