

Certificate of Analysis

Date of Testing: 2022-12-14 15:38:43

Date of Next Testing: 2026-12-13 15:38:43

Product Name: **Polyethylene oxide**

CAS Number: 68441-17-8

Specifications & Purity: average Mv ~7,000,000,powder

Lot #: C1911063

SKU #: **P101348**

Analysis: **168152**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Particle Size Distribution(-20 Mesh)	96-100 (%)	96.13 %
Silicon Dioxide(Gravimetric Analysis)	0.8-3 (wt%)	1.21 wt%
Particle Size Distribution(-10 Mesh)	99-100 (%)	99.90 %
Loss on drying	0-1 (%)	0.30 %
Alkalies and Other Metals(as CaO)	0-1 (wt%)	0.08 wt%
Viscosity(5% in water,25°C)	350-450 (cP)	425.00 cP
Appearance (P101348)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Stability (200-500 ppm BHT)	Conforms	Conforms



John Su
QA & QC Manager