

Certificate of Analysis

Date of Testing: 2023-08-17 14:57:01

Date of Next Testing: 2027-08-16 14:57:01

Product Name: **Polyethylene oxide**

CAS Number: 68441-17-8

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

Lot #: H2312212

SKU #: **P101348**

Version: **1**

Analysis #: **257014**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Particle Size Distribution(-20 Mesh)	96-100 (%)	98.63 %
Silicon Dioxide(Gravimetric Analysis)	0.8-3 (wt%)	1.12 wt%
Particle Size Distribution(-10 Mesh)	99-100 (%)	99.36 %
Loss on drying	0-1 (%)	0.36 %
Alkalies and Other Metals(as CaO)	0-1 (wt%)	0.28 wt%
Viscosity(0.5% in water,25°C)	350-450 (cP)	350.12000 cP
Appearance (P101348)	White powder	White powder
Stability (200-500 ppm BHT)	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager