

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-25 10:05:12

Date of Next Testing: 2025-12-14 10:05:12

Product Name: **Polyethylene oxide (PEO)**

CAS Number: 68441-17-8

Specifications & Purity: average Mv ~600,000,powder

Lot #: L2313137

SKU # **P101341**

Version **1**

Analysis #: **300393**

Storage Temperature: Room temperature,Desiccated

Parameter	Limit Values	Result
Loss on drying(105 °C , 45 Minutes)	0-1 (%)	0.32000 %
Viscosity(5% in water,25°C)	4500-8800 (cP)	6620.00000 cP
Alkalies and Other Metals(as CaO)	0-2 (%)	0.18000 %
PH(0.5% Water)	7-10	7.28000
Appearance (P101341)	White or light yellow powder	White or light yellow powder
Stability (200-500 ppm BHT)	Conforms	Conforms
transition temperature ,65°C	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager