

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-13 15:52:40
Date of Next Testing: 2030-05-12 15:52:40
Product Name: **Polyethylene glycol (PEG)**
CAS Number: 25322-68-3
Specifications & Purity: average Mn 8000
Lot #: E2607529
SKU #: **P103734**
Version: **4**
Analysis #: **693020**
Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
loss on Ignition	0-0.2 (%)	0.10000 %
Water by Karl Fischer	0-1 (%)	0.50000 %
Melting point	59-64 (°C)	60.20000 °C
Kinematic viscosity	16-21 (mm ² /s)	16.12180 mm ² /s
PH(5% in water)	4-7	6.82500
Average Mn	7000-9000	8590.00000
Appearance (P103734)	white to off-white powder or flakes	white to off-white powder or flakes
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless, clear to slightly hazy, 100 mg/ml	pass	Pass



John Su
QA & QC Manager