

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-22 10:14:59  
Date of Next Testing: 2029-08-21 10:14:59  
Product Name: **Polyethylene glycol (PEG)**  
CAS Number: 25322-68-3  
Specifications & Purity: average Mn 8000  
Lot #: H2520308  
SKU #: **P103734**  
Version: **4**  
Analysis #: **552157**  
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)	60.00000 °C
Average Mn	7000-9000	8422.00000
PH(5% in water)	4-7	6.90000
Kinematic viscosity	16-21 (mm <sup>2</sup> /s)	16.50000 mm <sup>2</sup> /s
Appearance (P103734)	white to off-white powder or flakes	white to off-white powder or flakes
Solubility in H <sub>2</sub> O , Colorless, clear to slightly hazy, 100 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager