

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-02-03 15:38:26  
Date of Next Testing: 2030-02-02 15:38:26  
Product Name: **Polyethylene glycol (PEG)**  
CAS Number: 25322-68-3  
Specifications & Purity: average Mn 10000  
Lot #: A2623463  
SKU #: **P103731**  
Version: **4**  
Analysis #: **654597**  
Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Melting point	61-66 (°C)	65.73000 °C
pH	4-7	6.79
Ignition Residue	0-0.2 (%)	0.00 %
Hydroxy Value	9-11 (mgKOH/g)	9.00 mgKOH/g
Average Mn	8500-11500	9930.00
Appearance (P103731)	white powder or flakes	white powder or flakes
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless, clear to slightly hazy, 100 mg/ml	pass	Pass



John Su  
QA & QC Manager