

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-17 17:17:15  
Date of Next Testing: 2030-06-16 17:17:15  
Product Name: **Polyethylene glycol (PEG)**  
CAS Number: 25322-68-3  
Specifications & Purity: average Mn 20000  
Lot #: F2610202  
SKU #: **P103730**  
Version: **2**  
Analysis #: **695961**  
Storage Temperature: Room temperature,Desiccated,Cool

Parameter	Limit Values	Result
pH	4-7	4.97900
Water by Karl Fischer	0-1 (%)	0.45590 %
Sulfate Ash	0-0.2 (%)	0.00000 %
Melting point	63-66 (°C)	64.45000 °C
Hydroxy Value	4.5-7 (mgKOH/g)	4.56000 mgKOH/g
Residue on Ignition	0-0.2 (%)	0.00000 %
Average Mn	18500-22000	18778.00000
Viscosity(250mg/ml in water,40°C)	26-50 (mm <sup>2</sup> /s)	44.74360 mm <sup>2</sup> /s
Appearance (P103730)	white powder or flakes or particles	white powder or flakes or particles
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot H <sub>2</sub> O , Colorless,Clear,1g/10ml	pass	Pass



John Su  
QA & QC Manager