

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-10 16:40:50
 Date of Next Testing: 2029-08-09 16:40:50
 Product Name: **Polyethylene glycol (PEG)**
 CAS Number: 25322-68-3
 Specifications & Purity: average Mn 8000
 Lot #: G2528326
 SKU #: **P103734**
 Version: **4**
 Analysis #: **520278**
 Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
loss on Ignition	0-0.2 (%)	0.01000 %
Water by Karl Fischer	0-1 (%)	0.06000 %
Melting point	59-64 (°C)	59.60000 °C
Kinematic viscosity	16-21 (mm ² /s)	16.03646 mm ² /s
PH(5% in water)	4-7	5.64000
Average Mn	7000-9000	7020.00000
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