

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-02-23 15:10:28

Date of Next Testing: 2028-02-22 15:10:28

Product Name: **Polyethylene glycol**

CAS Number: 25322-68-3

Specifications &amp; Purity: average Mn 8000

Lot #: B2421421

SKU #: **P103734****Analysis: 314146**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
loss on Ignition	0-0.2 (%)	0.11 %
Water by Karl Fischer	0-1 (%)	0.56 %
Melting point	59-64 (°C)	61.30000 °C
Average Mn	7000-9000	7476.00
PH(5% in water)	4-7	6.45
Kinematic viscosity	16-21 (mm <sup>2</sup> /s)	16.20 mm <sup>2</sup> /s
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 <sub>2</sub> O , Colorless, clear to slightly hazy,100 mg/ml	pass	Pass

John Su  
QA & QC Manager