

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-04 10:06:52

Date of Next Testing: 2027-12-03 10:06:52

Product Name: **Polyethylene glycol**

CAS Number: 25322-68-3

Specifications &amp; Purity: average Mn 8000

Lot #: K2330120

SKU #: **P103734****Analysis: 242241**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
PH	4-7	4.60
loss on Ignition	0-0.2 (%)	0.14 %
Water by Karl Fischer	0-1 (%)	0.32 %
Melting point	59-64 (°C)	62.40000 °C
mol wt average MW	7000-9000	8995.00
Kinematic viscosity	16-21 (mm <sup>2</sup> /s)	17.20 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