

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-23 13:44:18

Date of Next Testing: 2028-02-22 13:44:18

Product Name: **Polyethylene glycol**

CAS Number: 25322-68-3

Specifications & Purity: average Mn 8000

Lot #: B2421418

SKU #: **P103734****Analysis: 314153**

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	7363.00
PH(5% in water)	4-7	5.53
Kinematic viscosity	16-21 (mm ² /s)	20.95 mm ² /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 ₂ O , Colorless, clear to slightly hazy,100 mg/ml	pass	Pass

John Su
QA & QC Manager