

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-22 17:16:34

Date of Next Testing: 2028-02-21 17:16:34

Product Name: **Polyethylene glycol**

CAS Number: 25322-68-3

Specifications & Purity: average Mn 8000

Lot #: B2421419

SKU #: **P103734****Analysis: 315981**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
loss on Ignition	0-0.2 (%)	0.02 %
Water by Karl Fischer	0-1 (%)	0.04 %
Melting point	59-64 (°C)	62.80000 °C
PH(5% in water)	4-7	5.29
Average Mn	7000-9000	7163.00
Kinematic viscosity	16-21 (mm ² /s)	16.10 mm ² /s
Appearance (P103734)	white to off-white powder or flakes	white to off-white powder or flakes
Solubility in H ₂ O , Colorless, clear to slightly hazy,100 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager