

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-27 15:10:44

Date of Next Testing: 2027-11-26 15:10:44

Product Name: **Polyethylene glycol**

CAS Number: 25322-68-3

Specifications & Purity: average Mn 8000

Lot #: K2327019

SKU #: **P103734****Analysis: 296139**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
loss on Ignition	0-0.2 (%)	0.18 %
Water by Karl Fischer	0-1 (%)	0.36 %
Melting point	59-64 (°C)	62.50000 °C
Average Mn	7000-9000	7246.80
PH(5% in water)	4-7	6.67
Kinematic viscosity	16-21 (mm ² /s)	19.35 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