

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-29 11:32:36
Date of Next Testing: 2026-08-28 11:32:36
Product Name: **Polyethylene glycol**
CAS Number: 25322-68-3
Specifications & Purity: average Mn 8000
Lot #: H2223595
SKU #: **P103734**
Analysis: **117775**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
PH	4-7	5.65
loss on Ignition	0-0.2 (%)	0.17 %
Water by Karl Fischer	0-1 (%)	0.63 %
mol wt average MW	7000-9000	8165.00
Melting point	59-64 (°C)	62.85000 °C
Kinematic viscosity	16-21 (mm ² /s)	16.01 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