



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-21 11:11:15

Date of Next Testing: 2028-10-20 11:11:15

Product Name: **Polyethylene glycol (PEG)**

CAS Number: 25322-68-3

Specifications & Purity: average Mn 10000

Lot #: J2416629

SKU # **P103731**

Version **4**

Analysis #: **413851**

Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Melting point	61-66 (°C)	63.23000 °C
pH	4-7	6.64000
Ignition Residue	0-0.2 (%)	0.00000 %
Hydroxy Value	9-11 (mgKOH/g)	9.03000 mgKOH/g
Average Mn	8500-11500	10964.00000
Appearance (P103731)	white powder or flakes	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