

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-13 17:37:13  
Date of Next Testing: 2026-12-12 17:37:13  
Product Name: **Methoxypolyethylene glycol amine**  
CAS Number: 80506-64-5  
Specifications & Purity: M.W. 20000  
Lot #: L2205763  
SKU #: **M122328**  
**Analysis: 167818**  
Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Substitution (NMR)	95-100 (%)	95.10%
Molecular Weight(PEG raw material)(MALDI or GFC)	18000-22000 (Da)	20005.00 Da
Polydispersity(PEG raw material)(GFC)	0-1.05	1.05
Purity(HPLC)	95-100 (%)	95.60000%
Appearance (M122328)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager