

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-04 13:47:11
Date of Next Testing: 2026-03-03 13:47:11
Product Name: **Methoxypolyethylene glycol amine**
CAS Number: 80506-64-5
Specifications & Purity: M.W. 20000
Lot #: B2226212
SKU #: **M122328**
Analysis: 067181
Storage Temperature: Protected from light,Store at -20°C,Argon charged

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Substitution (NMR) | 95-100 (%) | 99.60% |
| Molecular Weight(PEG raw material)(MALDI or GFC) | 18000-22000 (Da) | 20419.00 Da |
| Polydispersity(PEG raw material)(GFC) | 0-1.05 | 1.04 |
| Purity(HPLC) | 95-100 (%) | 99.60000% |
| Appearance (M122328) | White powder | White powder |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager