

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-20 15:52:12  
 Date of Next Testing: 2030-05-19 15:52:12  
 Product Name: **4-(4-Aminophenyl)morpholin-3-one**  
 CAS Number: 438056-69-0  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: H2204232  
 SKU #: **A140078**  
 Version: **0**  
 Analysis #: **707668**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                    | Limit Values                                                | Result                                                      |
|------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|
| Purity(HPLC)                 | 98-100 (%)                                                  | 99.32000 %                                                  |
| Melting point                | 171-175 (°C)                                                | 171.80000 °C                                                |
| Purity(Nonaqueous Titration) | 97.5-102.5 (%)                                              | 100.25000 %                                                 |
| Appearance (A140078)         | White to Almost white to Light Yellow<br>Powder or Crystals | White to Almost white to Light Yellow<br>Powder or Crystals |
| Proton NMR spectrum          | Conforms to Structure                                       | Conforms to Structure                                       |



John Su  
QA & QC Manager