

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-19 10:10:25  
 Date of Next Testing: 2026-10-18 10:10:25  
 Product Name: **2-Chloroethylamine Hydrochloride**  
 CAS Number: 870-24-6  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: J2215194  
 SKU #: **C107599**  
 Version: **1**  
 Analysis #: **118613**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                               | Limit Values                                      | Result                                            |
|-----------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Melting point                           | 144-149 (°C)                                      | 147.92000 °C                                      |
| Loss on drying                          | 0-1 (%)                                           | 0.69000 %                                         |
| Purity(Titration by AgNO <sub>3</sub> ) | 98-100 (%)                                        | 98.99000 %                                        |
| Appearance (C107599)                    | white to off-white powder, crystals and/or chunks | white to off-white powder, crystals and/or chunks |
| Proton NMR spectrum                     | Conforms to Structure                             | Conforms to Structure                             |



John Su  
QA & QC Manager