

## Certificate of Analysis

Date of Testing: 2022-03-12 11:44:21

Date of Next Testing: 2026-03-11 11:44:21

Product Name: **Cysteamine Hydrochloride**

CAS Number: 156-57-0

Specifications & Purity: 98%

Lot #: C2204376

SKU #: **C106201**

**Analysis:** **067770**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                 | Limit Values                             | Result                                   |
|---------------------------------------------------------------------------|------------------------------------------|------------------------------------------|
| Iron(Fe)                                                                  | 0-20 (ppm)                               | 5.26 ppm                                 |
| Sulfate(SO42-)                                                            | 0-0.5 (%)                                | 0.25 %                                   |
| Melting point                                                             | 67-71 (°C)                               | 68.48000 °C                              |
| Loss on drying                                                            | 0-3(%)                                   | 1.52 %                                   |
| Purity(Iodometric Titration)                                              | 97.5-102.5 (%)                           | 98.25 %                                  |
| Infrared spectrum                                                         | Conforms to Structure                    | Conforms to Structure                    |
| Solubility in H2O , Colorless to Very Faint Yellow,<br>Clear, at 50 mg/ml | pass                                     | Pass                                     |
| Appearance (C106201)                                                      | White to Off-White Powder or<br>Crystals | White to Off-White Powder or<br>Crystals |



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