

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-03 16:55:59

Date of Next Testing: 2026-06-03 16:55:59

Product Name: **Bromhexine HCl**

CAS Number: 611-75-6

Specifications & Purity:  $\geq 98\%$

Lot #: A1911045

SKU #: **B129356**

Version: **0**

Analysis #: **363878**

Storage Temperature: Room temperature

| Parameter                              | Limit Values              | Result                    |
|----------------------------------------|---------------------------|---------------------------|
| Carbon by Elemental Analysis           | 39.4-41.2 (%)             | 39.78000 %                |
| Nitrogen by Elemental Analysis         | 6.2-7.3 (%)               | 6.68000 %                 |
| Assay(Titration by AgNO <sub>3</sub> ) | 97.5-102.5 (%)            | 99.47000 %                |
| Purity(HPLC)                           | 98-100 (%)                | 99.67000 %                |
| Appearance (B129356)                   | Colorless or White Powder | Colorless or White Powder |
| Proton NMR spectrum                    | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager