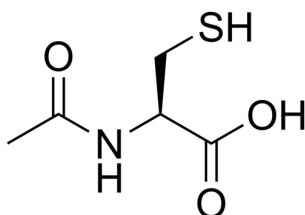


## Certificate of Analysis

### Compound Information

|                     |   |
|---------------------|---|
| Product Name:       | Acetylcysteine                                  |
| Cat. No.:           | 1037851   |
| CAS No.:            | 616-91-1  |
| Molecular Formula:  | C <sub>5</sub> H <sub>9</sub> NO <sub>3</sub> S |
| Molecular Weight:   | 163.19486                                       |
| Chemical Structure: |   |



### Batch Information

|              |                           |
|--------------|---------------------------|
| Batch No.:   | Lc0521195                 |
| Storage:     | 2-8°C, protect from light |
| Test Date:   | 2017-04-20                |
| Retest Date: | 2022-04-19                |
| Origin:      | Shanghai, China           |

### QC Summary

|                              |   |
|------------------------------|---|
| Appearance:                  | White to off-white (Solid)  |
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| Optical Rotation:            | Consistent with structure   |
| Purity (NMR):                | ≥97.0%  |
| Conclusion:                  | The product has been tested and complies with the given specifications. |

Caution: Research use only and are not intended for human use.

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