

## Certificate of Analysis

Date of Testing: 2023-09-15 15:12:23  
Date of Next Testing: 2026-09-14 15:12:23  
Product Name: **N-Acetyl-L-cysteine methyl ester**  
CAS Number: 7652-46-2  
Specifications & Purity: 95%  
Lot #: I2307348  
SKU #: **N463185**  
**Analysis:** **268775**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter   | Limit Values                             | Result                                   |
|---|--|--|
| Purity(HPLC area)                                     | 95-100 (%)                               | 97.61%                                   |
| Specific rotation [α] <sub>20</sub> /D(c=1, Methanol) | -27~-21 (°)                              | -22.24100°                               |
| Proton NMR spectrum                                   | Conforms to Structure                    | Conforms to Structure                    |
| Appearance(N463185)                                   | White to Faint Yellow Powder or Crystals | White to Faint Yellow Powder or Crystals |



John Su  
QA & QC Manager