

Certificate of Analysis

Date of Testing: 2023-03-21 04:36:18
Date of Next Testing: 2025-03-20 04:36:18
Product Name: **boc-S-tert-butylmercapto-L-cysteine**
CAS Number: 30044-61-2
Specifications & Purity: $\geq 99.0\%$
Lot #: C2314374
SKU #: **B133365**
Analysis: **152475**

| Parameter | Limit Values | Result |
|--|--------------------------------------|--------------------------------------|
| Purity(HPLC) | 98-100 (%) | 99.22900 % |
| Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in MeOH})$ | -156--150 (°) | -150.01 ° |
| Appearance (B133365) | White Powder, Crystals and/or Chunks | White Powder, Crystals and/or Chunks |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager