

## Certificate of Analysis

Date of Testing: 2024-09-14 13:53:37  
Date of Next Testing: 2028-09-13 13:53:37  
Product Name: **S-Phenyl-L-cysteine**  
CAS Number: 34317-61-8  
Specifications & Purity:  $\geq 95.0\%$   
Lot #: L2004092  
SKU #: **S300786**  
Version: **0**  
Analysis #: **411621**

| Parameter  | Limit Values                          | Result                                |
|--|---------------------------------------|---------------------------------------|
| Purity(HPLC)   | 95-100 (%)                            | 95.20000 %                            |
| Specific Rotation $[\alpha]_{20/D(c=1.5 \text{ in MeOH})}$ | 8-12 ( $^{\circ}$ )                   | 11.90 $^{\circ}$                      |
| Appearance (S300786)                                       | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Proton NMR spectrum  | Conforms to Structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager