

## Certificate of Analysis

Date of Testing: 2023-04-15 14:00:58  
Date of Next Testing: 2027-04-14 14:00:58  
Product Name: **S-Trityl-L-cysteine**  
CAS Number: 2799-07-7  
Specifications & Purity: 97%  
Lot #: D2304455  
SKU #: **T101029**  
Analysis: **078953**

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 20/D(c=0.8 in 0.04mol HCl(EtOH))	105-115 (°)	109.12 °
Purity(HPLC)	97-100 (%)	97.49300%
Water by Karl Fischer	0-0.5 (%)	0.25%
Appearance (T101029)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager