

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by TUV SUD America Inc.
 Certificate Number. 951001163

Catalogue Number L14384
 Lot Number S30L026
 Description (+)-S-Trityl-L-cysteine, 97%
 CAS Number 2799-07-7
 Quality Test/Release Date 30/Jun/2025
 Suggested retest date 30/Jun/2030
 Country of Origin China

Result Name	Units	Specifications	Test Value
Assay from Suppliers CofA	%	≥96.0% (HPLC: U.S. specification)	99.36
Appearance (Color)		White to pale cream	White
Form		Powder	Powder
Identification (FTIR)		Conforms	Conforms
Water Content (Karl Fischer Titration)	%	≤1% (U.S. specification)	0.24
Loss on Drying	%	≤2.0% (70°C, 2h) (U.S. specification)	0.86
Melting point	°C	155-170°C (U.S. specification)	156.6-158.1
Proton NMR		Conform to structure (U.S. specification)	Conform to structure
Optical Rotation	°	+113° ± 6° (c=0.8% in 0.04 M Ethanolic HCl) (U.S. specification)	+114.2
Solution Test		Clear solution (0.3g in 2ml AcOH) (U.S. specification)	Clear solution (0.3g in 2ml AcOH)



John Astarita
 Director, Quality

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.