

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 05920  
**Lot Number** 000424-140114-13008  
**Product** **S-Tryl-L-cysteine amide**

L-Cys(Trt)-NH<sub>2</sub>

**CAS Number** 166737-85-5  
**Molecular Formula** C<sub>22</sub>H<sub>22</sub>N<sub>2</sub>OS

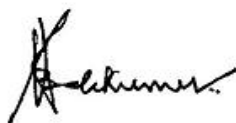
**Molecular Weight** 362.5

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**Appearance** White to off-white powder  
**Solubility** Clear solution (0.3 g in 2 ml DMF)  
**Melting Point** 112.5-115.9 °C  
**Water Content (Karl Fisher)** 2.311%  
**Optical Rotation** [α]<sub>D</sub><sup>20</sup> = -11.2° (C=2 in DMF)  
**Infrared Spectrum** Conforms to structure  
**Analysis by Mass Spectra** Conforms to structure  
**Loss on Drying** 0.85%  
**<sup>1</sup>H NMR** Conforms to structure  
**Purity by HPLC** 98.95%  
**Storage** Store at 0-8 °C

**Remarks** See material safety data sheet for additional information  
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager