

# Chem-Impex International, Inc.

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Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

**Catalogue Number** 02423  
**Product** **Fmoc-L-*trans*-4-hydroxyproline**

**Lot Number** 000630-19784  
Fmoc-L-Hyp-OH

**CAS Number** 88050-17-3  
**Molecular Formula** C<sub>20</sub>H<sub>19</sub>NO<sub>5</sub>

**Molecular Weight** 353.4

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**Appearance** White powder  
**Melting Point** 194 °C  
**Optical Rotation** - 47.0 ° (C=1 in DMF)  
**Analysis by Mass Spectra** [M+H]<sup>+</sup> = 354  
**D-Enantiomer** < 0.4%  
**Purity by HPLC** 99.4%  
**Purity by TLC** > 99%  
**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**