

# Chem-Impex International, Inc.

---

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

---

## Certificate of Analysis

**Catalogue Number** 35197  
**Lot Number** 000424-171108-36915  
**Product** **Fmoc-O-ethyl-L-tyrosine**

Fmoc-L-Tyr(Et)-OH

**CAS Number** 119894-20-1  
**Molecular Formula** C<sub>26</sub>H<sub>25</sub>NO<sub>5</sub>

**Molecular Weight** 431.47

---

**Appearance** White to off-white powder  
**Solubility** Clear solution (0.3 g in 2 mL DMF)  
**Melting Point** 141.5 - 142.3 °C  
**Water Content (Karl Fisher)** 0.38%  
**Optical Rotation** [α]<sup>20</sup><sub>D</sub> = -28 ° (C=1 in DMF)  
**Infrared Spectrum** Conforms to structure  
**Analysis by Mass Spectra** Conforms to standard  
**Loss on Drying** 0.09% (60 °C, 2h)  
**<sup>1</sup>H NMR** Conforms to structure  
**Chiral HPLC** 99.45% (ee)  
**D-Enantiomer** 0.5491%  
**Purity by HPLC** 99.62%  
**Storage** Store at RT

# *Certificate of Analysis*

Catalog Number: 35197

Lot Number: 000424-171108-36915

---

**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**