

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 04515  
**Lot Number** 000424-130801-31004  
**Product** **Boc-Leu-Gly-OH**

**CAS Number** 32991-17-6  
**Molecular Formula** C<sub>13</sub>H<sub>24</sub>N<sub>2</sub>O<sub>5</sub>  
**Molecular Weight** 288.34

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**Appearance** White powder  
**Solubility** Clear solution (0.1 gram in 2 mL DMF)  
**Melting Point** 122.0-122.9 °C  
**Water Content (Karl Fisher)** 0.186%  
**Optical Rotation** [α]<sub>D</sub><sup>20</sup> = -19.9° (C=1 in DMF)  
**Infrared Spectrum** Conforms to structure  
**Analysis by Mass Spectra** Conforms to structure  
**Loss on Drying** 0.08% (60 °C, 2 hour)  
**<sup>1</sup>H NMR** Conforms to structure  
**Purity by HPLC** 99.31%  
**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