

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 03211  
**Lot Number** 000424-140918-37137  
**Product** **Boc-D-Phenylalaninol**

Boc-D-Phe-ol

**CAS Number** 106454-69-7  
**Molecular Formula** C<sub>14</sub>H<sub>21</sub>NO<sub>3</sub>

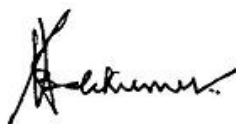
**Molecular Weight** 251.31

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**Appearance** White to off-white powder  
**Solubility** Clear solution (0.3 g in 2 mL DMF)  
**Melting Point** 96.7-96.8 °C  
**Water Content (Karl Fisher)** 0.139%  
**Optical Rotation** [α]<sub>D</sub><sup>20</sup> = +27.7° (C=1.036% in MeOH)  
**Infrared Spectrum** Conforms to structure  
**Analysis by Mass Spectra** Conforms to standard  
**Loss on Drying** 0.30% (30 °C, 2 hr)  
**<sup>1</sup>H NMR** Conforms to structure  
**Purity by HPLC** 98.21%  
**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