

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 15248  
**Lot Number** 000424-190501-20266  
**Product** **Boc-(2-naphthyl)-D-β-homoalanine**

Boc-D-β-HomoAla(2-naphthyl)-OH

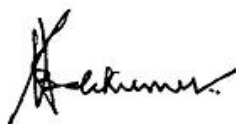
**CAS Number** 219297-10-6  
**Molecular Formula** C<sub>19</sub>H<sub>23</sub>NO<sub>4</sub>  
**Molecular Weight** 329.4

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**Appearance** White to off-white powder  
**Optical Rotation** [α]<sub>D</sub><sup>20</sup> = 16.65 ° (C=1 in DMF)  
**Infrared Spectrum** Conforms to structure  
**Analysis by Mass Spectra** Conforms to standard  
**Residual Solvents** Not identified  
**Related Substances** Not identified  
**<sup>1</sup>H NMR** Conforms to structure  
**Chiral HPLC** 100% (ee)  
**L-Enantiomer** Not detected  
**Purity by HPLC** 98.4%  
**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