## Chem-Impex International, Inc.

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## Certificate of Analysis

Catalogue Number 14452

**Lot Number** 000424-191009-25377

Product (R)-Boc-4-amino-5-(3-indolyl)pentanoic acid

 $\begin{array}{lll} \textbf{CAS Number} & 959577\text{-}59\text{-}4 \\ \textbf{Molecular Formula} & C_{18}H_{24}N_2O_4 \\ \textbf{Molecular Weight} & 332.39 \\ \end{array}$ 

**Appearance** Off-white solid

**Optical Rotation** [a]<sub>D</sub><sup>20</sup> = -3.22 ° (C=1 in MeOH)

Analysis by Mass Spectra Conforms to standard

**Related Substances** Not identified

<sup>1</sup>**H NMR** Conforms to structure

Chiral HPLC 99.4% (ee)

Other Enantiomer 0.6% Purity by HPLC 98.2%

**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**