## Chem-Impex International, Inc.

Tel: (630) 766-2112 Fax: (630) 766-2218

E-mail: sales@chemimpex.com Web site: www.chemimpex.com

Shipping and Correspondence: Manufacturing site:

935 Dillon Drive 825 Dillon Drive Wood Dale, IL 60191 Wood Dale, IL 60191

## Certificate of Analysis

Catalogue Number 15824

**Lot Number** 000705-29983

Product  $Boc-(R)-\alpha-(4-iodobenzyl)$  proline

CAS Number 959576-49-9 Molecular Formula C<sub>17</sub>H<sub>22</sub>INO<sub>4</sub>

**Molecular Weight** 431.27

**Appearance** White powder

TLC System Chloroform/Methanol/Acetic acid (90:8:2): Single spot

Chloroform/Methanol/Benzene/Water (90:8:2): Single spot

Vizualized with: UV/Iodine

**Optical Rotation** [a]<sub>D</sub><sup>25</sup> = +153.67° (C=1 in EtOH)

Analysis by Mass Spectra Conforms to structure

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

**Purity by HPLC** 99.9% @ 210 nm

**Chiral Purity** > 99.9% (ee) **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**