Chem-Impex International, Inc.

Certificate of Analysis

Tel: (630) 766-2112 E-mail: sales@chemimpex.com Shipping and Correspondence: 935 Dillon Drive Wood Dale, IL 60191 Fax: (630) 766-2218 Web site: www.chemimpex.com Manufacturing site: 825 Dillon Drive Wood Dale, IL 60191

15583 **Catalogue Number** DBF(4CF3)20090707 Lot Number (R)-3-Amino-3-(4-trifluoromethylphenyl) **Product** propionic acid D-β-Phe(4-CF₃)-OH (*R*)-4-Trifluoromethyl- β -phenylalanine 774178-39-1 **CAS Number** $C_{10}H_{10}F_3NO_2$ **Molecular Formula** 233.19 **Molecular Weight** White solid Appearance $[a]_{D^{25}} = -11.2^{\circ}$ (C=1 in 0.5N NaOH) **Optical Rotation** ¹³C NMR Conforms to structure ¹H NMR Conforms to structure 100% **Purity by HPLC** Store at 2-8 °C **Storage 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