## 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 06304

**Lot Number** 000630-04582

Product  $N^{\alpha}$ -Boc- $N^{\beta}$ -Fmoc-D-2,3-diaminopropionic acid

Boc-D-Dap(Fmoc)-OH

CAS Number 131570-56-4
Molecular Formula C<sub>23</sub>H<sub>26</sub>N<sub>2</sub>O<sub>6</sub>
Molecular Weight 426.48

**Appearance** White powder **Melting Point** 86.0 - 88.0 °C

**Optical Rotation** + 6.0 ° (C=1 in MeOH)

**Analysis by Mass Spectra**  $[M + H]^+ = 427.3$ 

**Assay by titration** 88.3% **Purity by HPLC** 100%

**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**