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 04966
Lot Number 3

Product N^{α} -Boc- N^{β} -allyloxycarbonyl-D-2,3-

diaminopropionic acid dicyclohexylammonium

salt

Boc-D-Dap(Aloc)-OH•DCHA

CAS Number 204197-26-2

Molecular Formula C₁₂H₂₁N₂O₆·C₁₂H₂₃N

Molecular Weight 469.56

Appearance White crystalline powder

Melting Point 174-176 °C

Optical Rotation [a] $_{D}^{20} = -10.4^{\circ}$ (C=1 in MeOH)

Assay by titration 99.6%
Purity by HPLC 99.4%
Purity by TLC > 99%

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