## 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
Wood Dale, IL 60191

825 Dillon Drive
Wood Dale, IL 60191

## Certificate of Analysis

Catalogue Number 16136

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

dicyclohexylamine salt

**Lot Number** 000129-05227-1

Boc-D-Dap(Boc)-OH•DCHA

**CAS Number** 1423018-02-3

**Molecular Formula** C<sub>13</sub>H<sub>24</sub>N<sub>2</sub>O<sub>6</sub>•C<sub>12</sub>H<sub>23</sub>N

**Molecular Weight** 485.7

**Appearance** White crystalline powder

**Melting Point** 182 - 184 °C

**Optical Rotation** [a]<sub>D</sub><sup>20</sup> = -11 ° (C=1 in MeOH)

Assay by titration 99.6%
Purity by HPLC 99.6%
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**