## Chem-Impex International, Inc.

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935 Dillon Drive
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Wood Dale, IL 60191

## Certificate of Analysis

Catalogue Number 05122 Lot Number 20071130

Product D-2,4-Diaminobutyric acid dihydrochloride

D-Dab-OH•2HCl

(R)-2,4-Diaminobutyric acid dihydrochloride

**CAS Number** 127531-11-7 **Molecular Formula** C<sub>4</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>· 2HCl

Molecular Weight 191.14

**Appearance** Pale yellow powder

**Optical Rotation** [a] $^{20}D = -14$  ° (C = 1 in water)

<sup>13</sup>C NMR Conforms to structure

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

Purity > 98% (NMR) 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**