## Chem-Impex International, Inc.

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## **Certificate of Analysis**

Catalog Number 06015

Product Name H-D-Val-OtBu•HCl

D-Valine *t*-butyl ester hydrochloride

**Lot Number** 110428-16094-B

Molecular Formula C<sub>9</sub>H<sub>19</sub>NO<sub>2</sub>•HCl

Molecular Weight 209.7

**Appearance** White powder

**Solubility** Clear solution (0.3 g in 2ml H<sub>2</sub>O)

**Melting Point** 142.1 – 143.0 °C

**Specific rotation**  $\alpha^{20}_{\mathbf{D}}$  - 4.84° ( C = 2 in H<sub>2</sub>O)

Analysis by mass spectrum Complies to standard

**Purity (HPLC)** 98.76 %

**Storage** Store at 0-5°C.

**Remarks** See material safety data sheets 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**