Chem-Impex International, Inc.

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Manufacturing site:

Shipping and Correspondence:Manufacturing site:935 Dillon Drive825 Dillon Drive

Wood Dale, IL 60191 Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 09005

Lot Number 9005-0498-02

Product Z-L-valine trifluoroethyl ester

Z-L-Val-OTfa

Molecular Formula C₁₅H₁₈NO₄F₃

Molecular Weight 333.3

Appearance White crystalline powder

Melting Point 55-59 °C

TLC System CHCl3/MeOH/AcOH (90:8:2)
Optical Rotation $[a]_D = -8.1^{\circ} (C=2\% \text{ in AcOH})$

Purity by HPLC > 99% Purity by TLC > 98%

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