

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 00853
Lot Number 000424-160626-31904
Product **Boc-D-valine**

Boc-D-Val-OH

CAS Number 22838-58-0
Molecular Formula C₁₀H₁₉NO₄

Molecular Weight 217.3

Appearance White powder
Solubility Clear solution (0.3g in 2mL DMF)
Melting Point 77.7-78.7 °C
Elemental Analysis (Found) <5% (C,H,N)
Water Content (Karl Fisher) 0.145%
Optical Rotation [α]_D²⁰ = +5.3° (C=1 in AcOH)
Infrared Spectrum Conforms to standard
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.20% (40 °C,2h)
¹H NMR Conforms to standard
Purity by HPLC 99.2%
Purity by TLC > 98%
Storage Store at 0-8 °C

Certificate of Analysis

Catalog Number: 00853

Lot Number: 000424-160626-31904

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