

Chem-Impex International, Inc.

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Certificate of Analysis

Catalog Number	06013
Product Name	H-D-Val-OBzl·TosOH D-Valine benzyl ester 4-toluenesulfonate salt
Lot Number	100510-16098
Molecular Formula	C ₁₂ H ₁₇ NO ₂ ·C ₇ H ₈ O ₃ S
Molecular Weight	379.5
Appearance	White powder
Solubility	Clear solution (0.3g in 2ml MeOH)
Melting point	162.6 – 162.7 °C
Specific rotation [α]²⁰_D	+3.9° (C=3 in MeOH)
Analysis by mass spectrum	Complies to standard
Purity (HPLC)	98.63%
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