Chem-Impex International, Inc.

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Certificate of Analysis

Catalog Number	04459
Product Name	H-D-Val-NH ₂ •HCl
	D-Valinamide hydrochloride
Lot Number	P1181005171
Molecular Formula	$C_5H_{12}N_2O\bullet HCl$
Molecular Weight	152.6
Appearance	White to off-white crystalline powder
Melting Point	266 – 268 °C
Specific Optical Rotation	$\alpha^{20}{}_{D}$ = -24.7° (C =1.0% in H ₂ O)
Purity (HPLC)	98.7%
Storage	Store at -0°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

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Bala Kumar Quality Control Manager