

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	09334
Lot Number	000127-1065638
Product	H-Val-Val-OH
CAS Number	3918-94-3
Molecular Formula	C ₁₀ H ₂₀ N ₂ O ₃
Molecular Weight	216.28

Appearance	White powder
Solubility	Clear, colorless solution (50 mg/mL in 80% Acetic acid)
TLC System	Chloroform/Methanol/Acetic acid 32% 5/3/1 Ethylacetate/Pyridine/Acetic acid/Water 6/5/1/3 n-Butanol/Acetic acid/Water 4/2/2 Plate : Silicagel 60 F ₂₅₄ Detected by : UV, Ninhydrin, TMB
Optical Rotation	[α] _D ²⁴ = 10.1 ° (C=2 in water)
Assay	98.2% (Elemental analysis, Nfd : 12.71%)
Purity by TLC	> 99%
Storage	Store at ≤ -4 °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