

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	08250
Lot Number	000127-1000033304
Product	H-Ala-Ala-Phe-AMC
CAS Number	62037-41-6
Molecular Formula	C ₂₅ H ₂₈ N ₄ O ₅
Molecular Weight	464.52
Appearance	Off-white powder
Solubility	Clear, colorless solution (10 mg/mL in Methanol)
Water Content (Karl Fisher)	0.5%
TLC System	Chloroform/Methanol/Acetic acid/Water 70/47/0.5/10 Chloroform/Methanol/Acetic acid/Water 45/13/1/2 Plate : Silicagel 60 F ₂₅₄ Detected by : UV, ninhydrin, TMB
Related Substances	< 0.1% AMC (7-amino-4-methylcoumarin)
Assay	97.9% (Elemental analysis Nfd : 11.81%)
Purity by TLC	> 99%
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