

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	32722
Lot Number	000127-1020558
Product	Z-Ala-Pro-Phe-chloromethylketone
CAS Number	217658-18-9
Molecular Formula	C ₂₆ H ₃₀ ClN ₃ O ₅
Molecular Weight	499.99

Appearance	White powder
Appearance of Solution	Clear, colorless solution (25 mg/mL in AcOH)
Water Content (Karl Fisher)	0.4%
TLC System	Chloroform/ethylacetate 1/1 Hexane/ethylacetate (2:8) Plate : Silicagel 60 F ₂₅₄ Detected by : UV, ninhydrin, TMB
Residual Solvents	Not detected (Organic)
Assay	93.7% (Nfd 7.87% by Elemental analysis)
Purity by TLC	> 98%
ESI-MS	m = 499.9 u (Average mass)
Storage	Store at 2 - 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