Chem-Impex International, Inc.

Tel: (630) 766-2112 E-mail: sales@chemimpex.com Shipping and Correspondence: 935 Dillon Drive Wood Dale, IL 60191 Fax: (630) 766-2218 Web site: www.chemimpex.com Manufacturing site: 825 Dillon Drive Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number Product	20215 4-Acetyl-piperidine-1-carboxylic acid <i>tert</i> -butyl
Lot Number	ester 001539-20110912 1- <i>N</i> -Boc-4-acetylpiperidine
CAS Number Molecular Formula	206989-61-9 C ₁₂ H ₂₁ NO ₃
Molecular Weight	227.3
Appearance	Light yellow liquid
Water Content (Karl Fisher)	0.03%
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.02%
¹ H NMR	Conforms to structure
Purity by GC	98.64%
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

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Bala Kumar Quality Control Manager