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

Catalogue Number	23372
Lot Number	GER-0176
Product	4'-Chlorobiphenyl-4-carbaldehyde
	4-(4-Chlorophenyl)benzaldehyde
	4'-Chloro[1,1'-biphenyl]-4-carbaldehyde
Molecular Formula	C ₁₃ H ₉ ClO
Molecular Weight	216.67
Appearance	Yellowish crystalline powder
Melting Point	113-114 °C
Elemental Analysis (Found)	C = 72.45%; $H = 4.45%$; $Cl = 16.46%$
¹ H NMR	Conforms to structure
LCMS	Conforms to structure
Purity by HPLC	> 96.0%
Storage	Store at 0-8 °C
Remarks	See material safety data sheet for additional information
	For laboratory use only

Certificate of Analysis

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

likumer.

Bala Kumar Quality Control Manager