



# INDOFINE Chemical Company, Inc.

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## *Certificate of Analysis*

Catalogue Number 04-1046  
Lot Number 000424-140118-20434  
Product **4-Chloro-DL-phenylalanine**

DL-Phe(4-Cl)-OH

*p*-Chloro-DL-phenylalanine

CAS Number 7424-00-2  
Molecular Formula  $C_9H_{10}ClNO_2$   
Molecular Weight 199.6

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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL 1N NaOH)
Melting Point	243.2-243.7 °C
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.15% (80 °C, 2 hour)
$^1H$ NMR	Conforms to structure
Purity by HPLC	99.93%
Storage	Store at 0-8 °C