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 Lot Number Product	12219 12219-052506-1 Z-L-aspartic acid-di-<i>tert</i>-butyl ester
	Z-L-Asp(OtBu)-OtBu
CAS Number	42417-76-5
Molecular Formula	$C_{20}H_{29}NO_7$
Molecular Weight	395.45
Appearance	Colorless oil
Optical Rotation	[a] = +4.45° (C=1.2% in dioxane)
Purity by HPLC	98%
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

mu.

Bala Kumar Quality Control Manager