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

06328 Catalogue Number

Product N^{α} -Z-L-2,3-diaminopropionic acid

20080901 **Lot Number**

Z-L-Dap-OH

CAS Number 35761-26-3 $C_{11}H_{14}N_2O_4$ **Molecular Formula**

Molecular Weight 238.48

Off-white crystalline Appearance

227 °C **Melting Point**

 $[a]_D = -40^{\circ} (C=1 \text{ in 1N HCI})$ **Optical Rotation**

Loss on Drying 0.20% **Assay** 98.41% > 99% **Purity by TLC**

Store at 0-8 °C Storage

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