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 | 04689 4689-030601-1 Z-Gly-D-Leu-OH |
|---|---|
| Molecular Formula | $C_{16}H_{22}N_2O_5$ |
| Molecular Weight | 322.36 |
| Melting Point | 135-142 °C |
| Optical Rotation | [a] _D ²² = +10.8° (C=1.065% in DMF) |
| 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

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Bala Kumar Quality Control Manager