



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

|   |   |
|---|---|
| Catalog Number                                | 04-1711   |
| Product Name                                  | <b>H-Gly-Pro-OH</b><br>Glycyl-L-proline         |
| Lot Number                                    | 0571244   |
| CAS Registry Number                           | 704-15-4  |
| Molecular Formula                             | $C_7H_{12}N_2O_3$                               |
| Molecular Weight                              | 172.18  |
| Appearance                                    | White powder                                    |
| Solubility                                    | Clear, colorless solution (50mg/ml in AcOH 80%) |
| Assay (Elemental Analysis)                    | 97.2% Based on Nitrogen content                 |
| Assay (Elemental Analysis)                    | Theory N 16.27%<br>Found N 15.81%               |
| Identification (TLC)                          | Complies with authentic material                |
| Assay by TLC                                  | > 99%   |
| Methanol/chloroform/ammonia<br>17% 2/21       | Detected by: UV, Ninhydrin, Chlorine-Tolidine   |
| n-Butanol/acetic acid/ H <sub>2</sub> O 4/2/2 |   |
| Isopropanol/ammonia conc. 1/1                 |   |
| Plate: Silicagel 60 F <sub>254</sub>          |   |
| Water content (KF volumetric)                 | 3.5%  |
| Storage                                       | Store at -0°C                                   |