



## Product Specification

### GLYCINE FOR MOLECULAR BIOLOGY

|                                    |  |
|------------------------------------|--|
| <b>PRODUCT CODE</b>                | <b>940600</b>  |
| <b>SYNONYMS</b>                    | <b>(Amino acetic acid)</b>   |
| <b>C.I. NO.</b>                    | --   |
| <b>CASR NO.</b>                    | <b>(56-40-6)</b>   |
| <b>ATOMIC OR MOLECULAR FORMULA</b> | <b>C<sub>2</sub>H<sub>5</sub>NO<sub>2</sub></b>  |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>  | <b>75.07</b>   |
| <b>PROPERTIES</b>                  | <b>White, sweet, odourless crystals, insoluble in alcohol and ether. adsorption on various chromatographic agents.</b> |



| <b>PARAMETER</b>                      | <b>LIMIT</b>                                   |
|---------------------------------------|--|
| Description                           | A white crystalline powder.                    |
| Solubility                            | 10% solution in water is clear and colourless. |
| Minimum Assay ( Non-aqueous )         | 99.00%   |
| Abs. at 280 nm of 1M soln.            | 0.15   |
| <b>MAXIMUM LIMIT OF IMPURITIES</b>    |  |
| Sulphated ash                         | 0.05%  |
| Insoluble matter                      | 0.003%   |
| Ammonia (NH <sub>3</sub> )            | 0.01%  |
| Chloride (Cl)                         | 0.001%   |
| Sulphate (SO <sub>4</sub> )           | 0.0025%  |
| Copper (Cu)                           | 0.0005%  |
| Iron (Fe)                             | 0.001%   |
| Heavy metals (as Pb)                  | 0.0005%  |
| DNase, RNase, Protease & Phosphatases | None detected.                                 |

**Note(s) : Assay (if applicable) method mentioned.**

**WARNING:**

**Hazard statements:** May be harmful if swallowed.

**Precautionary statements**

**Prevention:** -----

**Response:** IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

**Disposal:** : -----

IMDG Code :

UN No. :

IATA :

Hazard pictogram(s) :