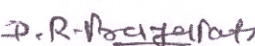


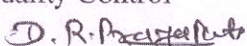
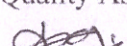
**ANALYTICAL REPORT**

|                                                                          |                        |             |                                                                                                  |                                                                                                  |
|--------------------------------------------------------------------------|------------------------|-------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Product name                                                             |                        | Glycine IP  | Date of issue                                                                                    | 21/03/2025                                                                                       |
| Batch Size                                                               |                        | 3000.00 Kgs | Batch No.                                                                                        | GCN/070325                                                                                       |
| Date of Manufacture                                                      |                        | March 2025  | Date of Expiration                                                                               | February 2030                                                                                    |
| Sr. No.                                                                  | IP Monograph Analysis  |             | Specification                                                                                    | Observation                                                                                      |
| 1.                                                                       | Description            |             | A white, crystalline powder; odorless                                                            | A white, crystalline powder; odorless                                                            |
| 2.                                                                       | Solubility             |             | Freely soluble in water; very slightly soluble in ethanol (95%); practically insoluble in ether. | Freely soluble in water; very slightly soluble in ethanol (95%); practically insoluble in ether. |
| 3.                                                                       | Identification         | A.          | By Infrared absorption spectrophotometry                                                         | Complies                                                                                         |
|                                                                          |                        | B.          | The solution is violet with a greenish yellow fluorescence.                                      | Complies                                                                                         |
| 4.                                                                       | Sulphated ash          |             | NMT 0.1%                                                                                         | 0.07 %                                                                                           |
| 5.                                                                       | Chlorides              |             | NMT 100 ppm                                                                                      | < 100 ppm                                                                                        |
| 6.                                                                       | Heavy metals           |             | NMT 10 ppm                                                                                       | < 10 ppm                                                                                         |
| 7.                                                                       | Loss on drying         |             | NMT 0.5%                                                                                         | 0.14 %                                                                                           |
| 8.                                                                       | Appearance of solution |             | Solution is clear and not more intensely coloured than reference solution YS7.                   | Complies                                                                                         |
| 9.                                                                       | pH (5.0% w/v solution) |             | 5.9 to 6.3                                                                                       | 6.10                                                                                             |
| 10.                                                                      | Assay (on dried basis) |             | 98.5% to 101.5%                                                                                  | 99.74 %                                                                                          |
| Remark: Complies with the IP Standard.                                   |                        |             |                                                                                                  |                                                                                                  |
| Storage Condition: Preserve in Well-closed container at room temperature |                        |             |                                                                                                  |                                                                                                  |

| Prepared by                                                                                                                               | Checked by                                                                                                                             | Approved by                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Officer- Quality Control<br>Sign: <br>Date: 21/03/2025 | H.O.D – Quality Control<br>Sign: <br>Date: 21/03/25 | H.O.D.- Quality Assurance<br>Sign: <br>Date: 21/03/25 |

**ANALYTICAL REPORT**

| <b>Product name:</b>                                                            |                         | Glycine USP                                                                                         | <b>Date of issue:</b>                                                   | 21/03/2025    |
|---------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------|
| <b>Batch Size:</b>                                                              |                         | 3000.00 Kgs                                                                                         | <b>Batch No.:</b>                                                       | GCN/070325    |
| <b>Date of Manufacture:</b>                                                     |                         | March 2025                                                                                          | <b>Date of Expiration:</b>                                              | February 2030 |
| Sr. No.                                                                         | USP Monograph Analysis  | Specification                                                                                       | Observation                                                             |               |
| 1.                                                                              | Description             | White, odorless, crystalline powder, having a sweetish taste.                                       | White, odorless, crystalline powder, having a sweetish taste.           |               |
| 2.                                                                              | Solubility              | Freely soluble in water; very slightly soluble in alcohol and in ether.                             | Freely soluble in water; very slightly soluble in alcohol and in ether. |               |
| 3.                                                                              | Identification A.       | BY IR                                                                                               | Complies                                                                |               |
| 4.                                                                              | Assay                   | 98.5% to 101.5%                                                                                     | 99.53%                                                                  |               |
| 5.                                                                              | Residue on ignition     | NMT 0.1%                                                                                            | < 0.1%                                                                  |               |
| 6.                                                                              | Chloride                | NMT 0.007%                                                                                          | < 0.007%                                                                |               |
| 7.                                                                              | Sulphate                | NMT 0.0065%                                                                                         | < 0.0065%                                                               |               |
| 8.                                                                              | Hydrolyzable substances | The solution appears as clear and as mobile as 10 mL of the same solution that has not been boiled. | Complies                                                                |               |
| 9.                                                                              | Loss on Drying          | NMT 0.2%                                                                                            | 0.15%                                                                   |               |
| <b>Remark:</b> Complies with the USP Standard.                                  |                         |                                                                                                     |                                                                         |               |
| <b>Storage Condition:</b> Preserve in Well-closed container at room temperature |                         |                                                                                                     |                                                                         |               |

| Prepared by                                                                                                                               | Checked by                                                                                                                             | Approved by                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Officer- Quality Control<br>Sign: <br>Date: 21/03/2025 | H.O.D – Quality Control<br>Sign: <br>Date: 21/03/25 | H.O.D.- Quality Assurance<br>Sign: <br>Date: 21/03/25 |