



SMART SOLUTIONS + CHEMISTRY

# Satyajit Speciality Chemicals Pvt. Ltd.

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## PRODUCT DATA SHEET

| Ferrous Glycinate Fe-20% (Tech Grade)   |                                                                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------|
| Parameters                              | Standard Values                                                                   |
| PHYSICAL PARAMETERS:                    |                                                                                   |
| Description                             | A fine, free flowing spray dried powder containing amino acid Glycine and Ferrous |
| Colour                                  | Light Brownish coloured powder.                                                   |
| Solubility                              | 2 % solution in distilled water is soluble.                                       |
| Loss on Drying                          | NMT 10.00 % w/w By AOAC Method                                                    |
| CHEMICAL PARAMETERS: (On dry wt. basis) |                                                                                   |
| Total nitrogen (N)                      | NLT 4.00 % w/w By Kjeldahl's method.                                              |
| Ferrous content (Fe)                    | NLT 20.00 % w/w as estimated by AAS Method                                        |
| MICROBIOLOGICAL PARAMETERS:             |                                                                                   |
| Total plate count                       | NMT 10,000 CFU per gram.                                                          |
| Yeast & mould                           | Absent.                                                                           |
| E. coli.                                | Absent.                                                                           |
| Salmonella                              | Absent.                                                                           |