

## SPECIFICATION

### Ferrous Gluconate

| Parameters        | Specification                                     |
|-------------------|---------------------------------------------------|
| Appearance        | White to off-white crystalline powder             |
| Molecular Formula | C <sub>12</sub> H <sub>22</sub> FeO <sub>14</sub> |
| Molecular Weight  | 446.15 g/mol                                      |
| Boiling Point     | 350 °C                                            |
| Melting Point     | 210 °C                                            |
| Flash Point       | 210 °C                                            |
| Purity            | 98–99%                                            |
| Refractive Index  | 1.52                                              |
| Solubility        | Soluble in water                                  |
| Uses              | Iron supplement; dietary supplement               |