



**BORTECH**  
DIS TICARET LIMITED SIRKETI

## FERROUS SULFATE TETRAHYDRATE

| Test                          | Standard   |
|-------------------------------|--|
| Water Soluble Fe              | 25 ( $\pm 0,5$ ) (% W/W)   |
| Water Soluble SO <sub>4</sub> | 42,8 ( $\pm 0,5$ ) (% W/W)   |
| PH                            | 2 - 4  |
| Density                       | 2,410 g/cm <sup>3</sup>  |
| Molar Mass                    | 223,96 g/mol   |
| FeSO <sub>4</sub>             | 67,8 ( $\pm 1$ ) (%W/W)  |
| Crystal Water                 | 32 (%W/W)  |
| Free Moisture                 | 1 % max (for dried products)                                       |
| Pb                            | 50 ppm Max.  |
| Cd                            | 20 ppm Max.  |
| Ni                            | 10 ppm Max.  |
| Hg                            | 5 ppm Max.   |
| As                            | 5 ppm Max.   |
| Degree of Purity              | 99 %   |
| Crystal Size                  | 0,1 - 3,5 mm   |
| Melting Point                 | 70 - 75 °C (Elimination of water of crystallisation)               |
| Appearance                    | Clear , Light Green & White Crystal                                |
| Taste                         | Typical Substance  |
| Odour                         | Odourless  |
| Storage                       | Keep direct sunlight, heat and rain, store at a cool and dry place |