



**BORTECH**  
DIS TICARET LIMITED SIRKETI

## FERROUS SULFATE PENTAHYDRATE

Test	Standard
Water Soluble Fe	23 ( $\pm 0,5$ ) (% W/W)
Water Soluble SO <sub>4</sub>	39,5 ( $\pm 0,5$ ) (% W/W)
PH	2 - 4
Density	2,150 g/cm <sup>3</sup>
Molar Mass	241,99 g/mol
FeSO <sub>4</sub>	62,5 ( $\pm 1$ ) (%W/W)
Crystal Water	37 (%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	65 - 70 °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