



BORTECH
DIS TICARET LIMITED SIRKETI

FERROUS SULFATE HEPTAHYDRATE

Test	Standard
FeSO ₄ . 7H ₂ O	99 (% W/W) Min.
Water Soluble Fe	19,5 (±0,5) (% W/W)
Water Soluble SO ₄	34,5 (±0,5) (% W/W)
pH	2 - 4
Density	1,895 g/cm ³
Molar Mass	278,02 g/mol
FeSO ₄	53 (±1) (%W/W)
Crystal Water	45 (%W/W)
M. Fraction of Free Sulphuric Acid	0,2 (%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.
Solubility	99,5 - 100 %
Crystal Size	0,1 - 3,5 mm
Melting Point	61 - 65 °C (Elimination of water of crystallization)
Appearance	Clear , Full Crystals , Green Crystals
Taste	Typical Substance
Odour	Odourless
Storage	Keep direct sunlight, heat and rain, store at a cool and dry place