

Specification Sheet

Product Name: **Magnesium sulfate heptahydrate**
Specifications & Purity: PharmPure™, USP, BP, Ph.Eur., ≥99.5%(calc. to the dried substance)
SKU # **M431161**

Parameter	Limit Values
Appearance(M431161)	white or almost white, crystalline powder or brilliant, colourless crystals
Solubility: freely soluble in water, very soluble in boiling water, practically insoluble in ethanol (96 per cent)	Pass
Purity(Titration by 0.1M EDTA)(alcd.on anh.substance)	99.5-100.5 (%)
Appearance of solution(10g in 100ml H ₂ O)	clear and colorless
Chloride(Cl)	0-140 (ppm)
PH (5%, water) 25 ° C	5.0-9.2
drying loss (450°C)	48-52 (%)
Iron(Fe)	0-20 (ppm)
Arsenic traces(MHS-AAS)	0-2 (ppm)
X-Ray Diffraction	Conforms to Structure
Lead(Pb)	0-4 (ppm)
selenium traces(MHS-AAS)	≤ 30 (ppm)