



SABERA INT. CO.

Certificate Of Analysis

Name of Product : Magnesium Sulphate Heptahydrate

Brand Name : Akmag-sh[®] (Turkey)

Grade : TECHNICAL

Product Information :

Chemical Formula

HS Code : MgSO₄ - 7H₂O
: 28.33.21.00
EC Number : 231-298-2
: 10034-99-8
CAS Number

Chemical Data :

Solubility : 710g/l (20°C)
Molar Mass : 246,48 g/
Density : 1,68 g/cm³ (20°C)
pH Value : 5 ~ 7 (50g/l H₂O, 25°C)

Specification:

MgO : ≥ 16 %
S : ≥ 13%
SO₃ : ≥ 32%
Chloride (Cl) : ≤ 140 ppm (mg/kg)

Heavy Metals

Lead (as Pb) : <10ppm (mg/kg)
As : Trace

Pyhsical Data

Loss on drying(ignition) (450 °C) : 48 - 52 %
Assay (by complexometric calculated on dried substance) min. : ≥99 %
Moisture (@ 25 □C) DRY : Less then < 1%
Appearance (10% in water) : Colourless, clear crystals
Insolubility : Fully Soluble in water. No Residue left
Packing : Bags : 25kg PP/PE laminated bags.