

Magnesium sulfate anhydrous, EssentQ®**Identification**

MgSO₄
M = 120,37 g/mol
CAS [7487-88-9]
EC number: 231-298-2
Taric code: 2833 21 00

Applications

analytical chemistry, manufacture of dyes, in fertilizer compositions, in explosive compositions, cosmetics, desiccant.

Specifications

assay (complexometric).....	min. 98 %	sodium chloride (NaCl).....	max. 0,1 %
calcium sulfate (CaSO ₄).....	max. 0,5 %	iron (Fe).....	max. 0,01 %
potassium chloride (KCl).....	max. 0,1 %	manganese (Mn).....	max. 0,1 %
potassium sulfate (K ₂ SO ₄).....	max. 1,5 %	loss on ignition (600 °C).....	max. 1 %

Physical data

- Appearance: granules, almost white, up to 0,2 mm
- Spec. Density: 2,66 g/cm³
- Bulk density: ~ 600 kg/m³
- Solub. in water: (20 °C): 269 g/l
- Melting point: 1124 °C
- pH(50 g/l H₂O, 25 °C) ~ 7,9
- Hygroscopic

Transport/storage

- 10°C - 30°C