

SPECIFICATION

MAGNESIUM SULFATE HEPTAHYDRATE

Code: C1 114
CAS: 10034-99-8
EINECS: 231-298-2

| | Specification | Unit |
|---------------------------------------|----------------------|---------------------|
| Assay | 99,5 - 100,5 | % |
| Magnesium sulfate anhydrous | 48,59 - 49,1 | % |
| Sulfide (S) | min. 12,9 | % |
| Cl (Chloride) | max. 140 | ppm |
| Fe (Iron) | max. 20 | ppm |
| pH of 5 % solution | 5,0 - 9,2 | / |
| Heavy metals | max. 10 | ppm |
| As (Arsenic) | max. 2 | ppm |
| Se | max. 30 | ppm |
| Size | 0,2 - 3,0 | mm |
| Loss on drying | 48,0 - 52,0 | % |
| Cd (Cadmium) | max. 1 | ppm |
| Pb (Lead) | max. 3 | ppm |
| Hg (Mercury) | max. 0,1 | ppm |
| Total plate count | max. 10 000 | CFU /g |
| Yeast & Moulds | max. 100 | CFU / g |
| Escherichia coli (absent in 1 g) | absent | / |
| Staphylococcus aureus (absent in 1 g) | absent | / |
| Salmonella (absent in 25 g) | absent | / |
| Listeria monocytogenes in 25 g | absent | / |
| Norm | EP / BP / USP / FCC | EP / BP / USP / FCC |