

Identification

MnCl₂·4H₂O
M = 197,91 g/mol
CAS [13446-34-9]
EC number: 231-869-6
Taric code: 2827 39 85

Applications

analytical chemistry, for determination of: dissolved oxygen.

Specifications

| | | | |
|----------------------------------|--------------|---------------------------|--------------|
| assay (complexometric)..... | 98 - 102 % | heavy metals (as Pb)..... | max. 0,002 % |
| insoluble in water..... | max. 0,025 % | iron (Fe)..... | max. 0,001 % |
| pH (5 %, H ₂ O)..... | 3,5 - 6,0 | lead (Pb)..... | max. 0,001 % |
| sulfates (SO ₄)..... | max. 0,025 % | nickel (Ni)..... | max. 0,005 % |
| calcium (Ca)..... | max. 0,1 % | zinc (Zn)..... | max. 0,01 % |

Physical data

- Appearance: crystals, pink
- Spec. Density: 2,01 g/cm³
- Bulk density: ~ 1150 kg/m³
- Solub. in water: (20 °C): soluble
- Melting point: 58 °C
- pH(50 g/l H₂O, 20 °C) ~ 4 - 6

Safety - GHS

Signal Word: Warning

Hazard Statements:

H302: Harmful if swallowed.

**Precautionary Statements:**

- P264: Wash thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330: Rinse mouth.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- 15°C - 25°C