

**PRODUCT CODE: 131394****Magnesium Acetate 4-hydrate (Reag. Ph. Eur.) for analysis, ACS**



M.= 214,46

CAS [16674-78-5]

EINECS 205-554-9

TARIC 2915 29 00 90

PHYSICAL DATA: Small crystals, White, Soluble in water 1.200 g/l at 15 °C Thermal decom. above 135 °C • Hygroscopic • D 1,454 • M.P.: 80 °C • pH(50 g/l)6,1 •

BIBLIOGRAPHY: Merck Index **12**, 5.688 13, 5.676 Römp **8** , **2452** • Beilstein **2** , **IV** , **113** • BRN 3730655 • ACS **XI** • BP.**2018** • Ph. Eur. **8.0** (2014) **9.0** (2017) •

HAZARDOUS: RTECS: AI 5600000 •

SPECIFICATIONS:

Assay (Compl.) 98,0-102,0%

pH of 5% solution 7,5-8,5

Maximum limit of impurities

Insoluble matter in H₂O 0,005 %

Chloride (Cl) 0,001%

Nitrogen compounds (as N) 0,001%

Sulfate (SO₄) 0,005%

As 0,0003 %

Heavy metals (as Pb) 0,0005%

Metals by ICP [in mg/Kg (ppm)]

Ag	5
Al	1
Au	5
Ba	10
Ca	100
Cr	5
Cd	5
Co	5
Cu	5
Fe	5
Ga	5
Ge	5
In	5
K	50
Li	5
Mn	10
Mo	5
Na	50
Ni	5
Pb	5
Sb	5
Sr	50
Zn	5
Zr	5