

NEW Magnesium acetate tetrahydrate AnalR
NORMAPUR®

Assay	98.0 to 102.0 %	Heavy metals (as Pb)	Max. 5 ppm
Insolubility in water	Max. 50 ppm	Cl (Chloride)	Max. 10 ppm
SO ₄ (Sulphate)	Max. 50 ppm	Ba (Barium)	Max. 10 ppm
Ca (Calcium)	Max. 100 ppm	Fe (Iron)	Max. 5 ppm
K (Potassium)	Max. 50 ppm	Mn (Manganese)	Max. 10 ppm
Na (Sodium)	Max. 50 ppm	Sr (Strontium)	Max. 50 ppm

Cat. No.	Pk	Pack type
84849.230	250 g	Plastic bottle for solids
84849.290	1 kg	Plastic bottle for solids

Magnesium carbonate basic

See Magnesium hydroxide carbonate p.274

Magnesium carbonate hydrated basic

See Magnesium hydroxide carbonate p.274

Magnesium carbonate hydroxide

See Magnesium hydroxide carbonate p.274

Magnesium chloride

CAS 7786-30-3

EINECS: 232-094-6

MgCl₂

M.W. 95.21 g/mol

Density: 2.32 g/cm³ (20 °C)

Boiling Pt: 1412 °C (1013 hPa)

Melting Pt: 715 °C

Storage Temperature: Ambient temperature

Magnesium chloride, anhydrous TECHNICAL

Assay Min. 98.0 %

Cat. No.	Pk	Pack type
26123DC	25 kg	Bucket (Plastic)

Magnesium chloride 4,5-hydrate

EINECS: 232-094-6

MgCl₂·4,5H₂O

M.W. 176.28 g/mol

Density: 1.57 g/cm³ (20 °C)

Boiling Pt: 1412 °C (1013 hPa)

Storage Temperature: Ambient temperature

**Magnesium chloride 4,5-hydrate, powder GPR
RECTAPUR®**

Assay	Min. 97 %
Alkaline metals (as SO ₄)	Max. 2.5 %
Heavy metals (as Pb)	Max. 20 ppm
SO ₄ (Sulphate)	Max. 0.02 %
Ca (Calcium)	Max. 0.1 %
Fe (Iron)	Max. 20 ppm

Cat. No.	Pk	Pack type
25106.298	1 kg	Plastic bottle for solids

Magnesium chloride hexahydrate

CAS 7791-18-6

EINECS: 232-094-6

MgCl₂·6H₂O

M.W. 203.3 g/mol

Density: 1.57 g/cm³ (25 °C)

Boiling Pt: 1412 °C (1013 hPa)

Melting Pt: 117 °C

Storage Temperature: Ambient temperature

**Magnesium chloride hexahydrate AnalR
NORMAPUR® ACS, Reag. Ph. Eur. analytical
reagent**

Assay	99.0 to 102.0 %	Acidity or alkalinity	Passes test Ph.Eur.
Appearance of solution (20 %; water)	Passes test Ph.Eur.	Identification B	Passes test
Identification C	Passes test Ph.Eur.	Solution S	Passes test
pH (20°C; 5 %)	5.0 to 6.5	Heavy metals (as Pb)	Max. 5 ppm
Insolubility in water	Max. 50 ppm	Total N (Nitrogen)	Max. 20 ppm
Water	5.10 to 55.0 %	Br (Bromide)	Max. 0.05 %
NH ₄ (Ammonium)	Max. 20 ppm	NO ₃ (Nitrate)	Max. 10 ppm
PO ₄ (Phosphate)	Max. 5 ppm	SO ₄ (Sulphate)	Max. 20 ppm
As (Arsenic)	Max. 2 ppm	Ba (Barium)	Max. 20 ppm
Ca (Calcium)	Max. 30 ppm	Cu (Copper)	Max. 5 ppm
Fe (Iron)	Max. 5 ppm	K (Potassium)	Max. 10 ppm
Mn (Manganese)	Max. 5 ppm	Na (Sodium)	Max. 10 ppm
Pb (Lead)	Max. 5 ppm	Sr (Strontium)	Max. 50 ppm
Conforms to BDH 10149	Passes test		

Cat. No.	Pk	Pack type
25108.260	500 g	Plastic bottle for solids
25108.295	1 kg	Plastic bottle for solids

**Magnesium chloride hexahydrate Ph. Eur., BP,
USP**

Assay	98.0 to 101.0 %
Appearance	Colourless crystals
Identification A	Passes test USP
Identification B	Passes test Ph. Eur.
Identification B	Passes test USP
Identification C	Passes test Ph. Eur.
Solution S	Passes test Ph. Eur.
Appearance of solution	Passes test Ph. Eur.
Acidity or alkalinity	Passes test Ph. Eur.
pH (25°C; 5 %)	4.5 to 7.0
Insoluble matter	Max. 0.005 %
Br (Bromide)	Max. 500 ppm
SO ₄ (Sulphate)	Max. 0.005 %
As (Arsenic)	Max. 2 ppm
Ba (Barium)	Passes test USP
Ca (Calcium)	Max. 0.01 %
K (Potassium)	Passes test USP
Heavy metals (as Pb)	Max. 0.001 %
Fe (Iron)	Max. 10 ppm
Water	5.10 to 55.0 %
Residual solvents	Passes test

Cat. No.	Pk	Pack type
87060.290	1 kg	Plastic bottle for solids
87060.360	5 kg	Bucket (Plastic)
87060.460	25 kg	Bucket (Plastic)

**Magnesium chloride hexahydrate GPR
RECTAPUR®**

Assay	Min. 97 %
Alkaline metals (as SO ₄)	Max. 2.5 %
Heavy metals (as Pb)	Max. 20 ppm
SO ₄ (Sulphate)	Max. 0.02 %
Ca (Calcium)	Max. 0.1 %
Fe (Iron)	Max. 20 ppm

Cat. No.	Pk	Pack type
25107.292	1 kg	Plastic bottle for solids
25107.361	5 kg	Bucket (Plastic)

**Magnesium chloride hexahydrate Electran®
Molecular biology grade**

Appearance (colour)	almost white
Appearance (description)	fine-crystalline powder
Assay (complexometric)	99.0 - 102.0 %
pH-value (5 %; water)	5.0 - 6.5
Heavy metals (as Pb)	Max. 0.0005 %
Fe (Iron)	Max. 0.0005 %
DNases (Exo- and endonucleases)	n on detectable
RNases	n on detectable
Proteases	n on detectable

Cat. No.	Pk	Pack type
436992S	100 g	Glass bottle for solids
436994U	500 g	Glass bottle for solids