

## Technical Information

### Magnesium chloride hexahydrate Cell Culture Tested

**Product Code:TC1006**

#### Product Information

Product Code	: TC1006
Product Name	: Magnesium chloride hexahydrate, Cell Culture Tested
Synonym	: --
Molecular Formula	: $MgCl_2 \cdot 6H_2O$
Molecular Weight	: 203.30
CAS No.	: 7791-18-6

#### Technical Specification

Appearance	: A colourless deliquescent crystals / crystalline powder
Solubility	: 10% solution in water is clear and colourless.
Identification	: Passes test.
Minimum assay (Complexometric)	: 99.00%
pH (5% aq. Soln)	: 4.5 - 7.0
Water	: 51 – 55%
Water insoluble matter	: $\leq 0.003\%$
Acidity (HCl)	: $\leq 0.001\%$
Alkalinity (MgO)	: $\leq 0.0005\%$
Sulphate (SO <sub>4</sub> )	: $\leq 0.002\%$
Aluminium (Al)	: $\leq 0.0001\%$
Arsenic (As)	: $\leq 0.0001\%$
Barium (Ba)	: $\leq 0.005\%$
Bromide	: $\leq 0.05\%$
Calcium (Ca)	: $\leq 0.01\%$
Copper (Cu)	: $\leq 0.0002\%$
Iron (Fe)	: $\leq 0.0002\%$
Heavy metals (as Pb)	: $\leq 0.0002\%$
Potassium (K)	: $\leq 0.005\%$
Organic volatile impurities	: Meets the requirement.
Zinc (Zn)	: $\leq 0.001\%$
Cell Culture Test	: Passes test

#### Risk And Safety Information

WGK	: --
RTECS	: --
Storage Temperature(°C)	: Store at 30°C

#### Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods

**Animal Cell  
Culture Tested**



## Product Specification

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### Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
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