

## Technical Information

### Magnesium Sulphate Heptahydrate

Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications

Product Code:TC1577M

### Product Information

Product Code	: TC1577M
Product Name	: Magnesium Sulphate Heptahydrate Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications
Synonym	: --
Molecular Formula	: $H_{14}MgO_{11}S$
Molecular Weight	: 246.466
CAS No.	: 10034-99-8

### Technical Specification

Appearance	: Colourless efflorescent crystals or white crystalline powder.
Solubility	: 10% solution in water is clear and colourless.
Minimum Assay (Complexometric; Cal.on dried substance)	: 99.0%
pH (5% Soln. in water)	: 5.0 – 8.2
Loss on drying(at 110 for 1 hr,then ignite at 400°C)	: 48 – 52%
Chloride (Cl)	: $\leq 0.02\%$
Arsenic (As)	: $\leq 0.0005\%$
Iron (Fe)	: $\leq 0.001\%$
Lead (Pb)	: $\leq 0.0005\%$
Zinc (Zn)	: $\leq 0.001\%$
Cell Culture Test	: Passes test

### Risk And Safety Information

R-Phrase(s)	: --
S-Phrase(s)	: --
WGK	: --
RTECS	: --
Storage Temperature(°C)	: Store below 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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