

Technical Information

Zinc Sulphate Heptahydrate
Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 Testing Specifications
Cell Culture Tested

Product Code:TC1131M

Product Information

Product Code	: TC1131M
Product Name	: Zinc Sulphate Heptahydrate, Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications
Molecular Formula	: $ZnSO_4 \cdot 7H_2O$
Molecular Weight	: 287.56
CAS No.	: 7446-20-0

Technical Specification

Appearance	: White or almost white crystalline powder or colourless, transparent crystals, efflorescent.
Solubility	: Very soluble in water, practically insoluble in ethanol (96%)
pH (5% in water AT 25°C)	: 4.0 - 6.00
Identification A	: Passes test
Identification B	: Passes test
Appearance of solution	: 5% w/v solution is clear and colourless
Arsenic (As)	: $\leq 0.0002\%$
Iron (Fe)	: $\leq 0.01\%$
Chloride (Cl)	: $\leq 0.03\%$
Heavy metals	: $\leq 0.001\%$
Lead (Pb)	: $\leq 0.002\%$
Acidity	: Passes test
Alkali earth metals & alkali metals	: ≤ 5.0 mg
Loss on drying (at 105°C, 3hr)	: 35.5 – 38.50%
Assay (EDTA Titration)	: 99.00 – 104.00%
Cell Culture Test	: Passes test.

Risk And Safety Information

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

**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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