

Product Datasheet

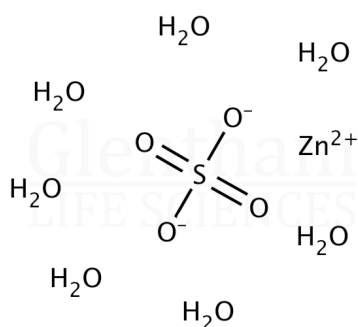
GK8729 - Zinc sulfate heptahydrate, EP grade

Product Details

Product Name	Zinc sulfate heptahydrate, EP grade
Glenthams Code	GK8729
CAS Number	7446-20-0
EINECS	231-793-3
MDL-Nummer	MFCD00149894
PubChem SID	310281911
Zusätzliche CAS	7446-19-7 ($\cdot \text{H}_2\text{O}$)
Zusätzliche CAS	7733-02-0 (anhydr.)
Related Categories	Reagents for Gel Electrophoresis of Proteins

Structure

Molecular Weight	: 287.54
Molecular Formula	: $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

CLP Classification	Aquatic Chronic 1, Aquatic Acute 1, Acute Tox. 4, Eye Dam. 1
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Signal Word	Gefahr
Hazard Codes	H410, H400, H302, H318
Precautionary Codes	P273, P280, P305+P351+P338, P310, P301+P312

Pictograms



UN Number, Class, PG (RID)	UN3077 - 9 - PG III
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Glenthams Product Specification

Physical Description	: White crystalline powder or colourless crystals
Identification	: According to EP
Solubility (5% in water)	: Clear, colourless solution
pH (5% in water)	: 4.4 - 5.6
Chloride (Cl)	: $\leq 300\text{ppm}$
Iron (Fe)	: $\leq 100\text{ppm}$
Lead (Pb)	: $\leq 3\text{ppm}$
Cadmium (Cd)	: $\leq 1\text{ppm}$
Mercury (Hg)	: $\leq 0.1\text{ppm}$
Arsenic (As)	: $\leq 1\text{ppm}$
Assay	: 99.0 - 104.0 % ($\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$)
Pharmacopoeia Specification(s)	: EP
Version	: v1.0

About Zinc sulfate heptahydrate, EP grade

A source of zinc for laboratory applications and in nutrition, zinc sulfate is widely used in the production and dying of textiles and has a role in pharmaceutical manufacturing. GK8729 conforms to the European Pharmacopoeia specification.

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