

Certificate of Analysis

Zinc sulfate heptahydrate

ACS Reagent, 99.0%

Product Number	PSR38107	CAS No.	7446-20-0
Brand	PureSynth	Lot No.	NAJR02H
Molecular Formula	ZnSO ₄ · 7H ₂ O	Date of Mfg.	Feb.2023
Molecular Weight	287.56 g/mol	Date of Exp.	Jan.2026

Test	Specification	Result
Appearance	White crystalline powder	White crystalline powder
Assay	≥ 99.0 %	99.9 %
Water insoluble matter	NMT 0.005 %	Conforms
pH (5 %, 25 °C)	4.4 – 6.0	5.2
Iron (Fe)	NMT 5 ppm	Conforms
Manganese (Mn)	NMT 0.0002 %	Conforms
Magnesium (Mg)	NMT 0.001 %	Conforms
Potassium (K)	NMT 0.001 %	Conforms
Calcium (Ca)	NMT 0.001 %	Conforms
Sodium (Na)	NMT 0.0005 %	Conforms
Chloride (Cl)	NMT 5 ppm	Conforms
Lead (Pb)	NMT 0.005 %	Conforms
Copper (Cu)	NMT 0.0005 %	Conforms

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Cadmium (Cd)

NMT 0.0002 %

Conforms

Condition: Store at room temperature and keep container tightly closed in a well-ventilated place.

Remark: The batch complies with the prescribed quality of the above specification.

Approved By
Head - Technical

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