

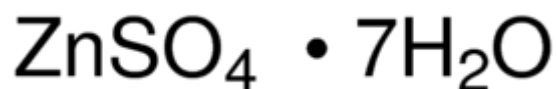
## Specification Sheet

221376 Sigma-Aldrich

## Zinc sulfate heptahydrate

ACS reagent, 99%

- CAS Number [7446-20-0](#)
- Linear Formula  $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$
- Molecular Weight 287.56
- EC Number [231-793-3](#)
- MDL number [MFCD00149894](#)
- PubChem Substance ID [329752263](#)



SKU-Pack Size	Availability	Pack Size	Price (SGD)	Quantity
221376-100G	Available to ship on 14.04.2021 - FROM	100 g	44.41	<input type="text" value="0"/>
221376-500G	Available to ship on 14.04.2021 - FROM	500 g	73.84	<input type="text" value="0"/>
221376-1KG	Available to ship on 14.04.2021 - FROM	1 kg	111.71	<input type="text" value="0"/>

## Properties

Related Categories	Catalysis and Inorganic Chemistry, Cell Culture, Chemical Synthesis, Essential Chemicals, Mineral salt adjuvants,
grade	ACS reagent
assay	99%
	99.0-103.0% (ACS specification)
form	crystals or chunks
reaction suitability	reagent type: catalyst core: zinc
impurities	≤0.01% insolubles
pH	4.4-6.0 (25 °C, 5%)
solubility	water: soluble 965 g/L at 20 °C



anion traces	chloride (Cl <sup>-</sup> ): ≤5 ppm
	nitrate (NO <sub>3</sub> <sup>-</sup> ): ≤0.002%
cation traces	Ca: ≤0.005%
	Fe: ≤0.001%
	K: ≤0.01%
	Mg: ≤0.005%
	Mn: ≤3 ppm
	NH <sub>4</sub> <sup>+</sup> : ≤0.001%
	Na: ≤0.05%
	Pb: ≤0.003%
storage temp.	room temp
SMILES string	<chem>O.O.O.O.O.O.O.[Zn++].[O-]S([O-])(=O)=O</chem>
InChI	1S/H2O4S.7H2O.Zn/c1-5(2,3)4;;;;;;;;;;/h(H2,1,2,3,4);7*1H2;/q;;;;;;;;;;+2/p-2
InChI key	RZLVQBNCHSJZPX-UHFFFAOYSA-L

