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Product Specification

Product Name:

Zinc sulfate heptahydrate – ACS reagent, 99%

Product Number:

221376

 $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$

CAS Number:

7446-20-0

MDL:

MFCD00149894

Formula:

 $\text{O}_4\text{SZn} \cdot 7\text{H}_2\text{O}$

Formula Weight:

287.56 g/mol

TEST	Specification
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Appearance (Color)	White
Appearance (Form)	Crystals or Crystals with Chunks
Complexiometric EDTA	99.0 - 103.0 %
X-Ray Diffraction	Conforms to Structure
Insoluble matter	≤ 0.01 %
c = 10%, Water	
Calcium (Ca)	≤ 0.005 %
Chloride (CL)	≤ 5 ppm
Iron (Fe)	≤ 0.001 %
Potassium (K)	≤ 0.01 %
Magnesium (Mg)	≤ 0.005 %
Sodium (Na)	≤ 0.05 %
Ammonia (NH ₄)	≤ 0.001 %
Nitrate (NO ₃)	≤ 0.002 %
Manganese	≤ 3 ppm
pH	4.4 - 6.0
c = 5%; Water at 25°C	
Lead (Pb)	≤ 0.003 %
Meets ACS Requirements	Current ACS Specification
Recommended Retest Period	-----
3 Years	

Specification: PRD.1.ZQ5.10000072305

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

