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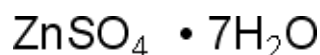
Email USA: techserv@sial.com

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Product Specification

Product Name:
Zinc sulfate heptahydrate - ACS reagent, 99%

Product Number: 221376
CAS Number: 7446-20-0
MDL: MFCD00149894
Formula: O4SZn · 7H2O
Formula Weight: 287.56 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Crystals or Crystals with Chunks
Complexiometric EDTA	99.0 - 103.0 %
X-Ray Diffraction	Conforms to Structure
Insoluble matter c = 10%, Water	≤ 0.01 %
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 (NH4)	≤ 0.001 %
Nitrate (NO3)	≤ 0.002 %
Manganese	≤ 3 ppm
pH c = 5%; Water at 25°C	4.4 - 6.0
Lead (Pb)	≤ 0.003 %
Meets ACS Requirements 10th Edition	Current ACS Specification

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.