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Product Specification

Product Name:
Zinc chloride - ACS reagent, ≥97%

Product Number: 211273
CAS Number: 7646-85-7
MDL: MFCD00011295
Formula: Cl₂Zn
Formula Weight: 136.30 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Conforms to Requirements
Powder, Crystals, Crystalline Powder and/or Chunks	
X-Ray Diffraction	Conforms to Structure
Complexometric EDTA (% ZnCl ₂)	≥ 97.0 %
Insoluble matter	≤ 0.005 %
c = 10%, Dilute HCl	
Ammonium (NH ₄)	≤ 0.005 %
Nitrate (NO ₃)	≤ 0.003 %
Oxychloride	Pass
Sulfate (SO ₄)	≤ 0.01 %
Iron (Fe)	≤ 0.001 %
Lead (Pb)	≤ 0.005 %
Calcium (Ca)	≤ 0.06 %
Magnesium (Mg)	≤ 0.01 %
Sodium (Na)	≤ 0.05 %
Potassium (K)	≤ 0.02 %
Recommended Retest Period	-----
4 Years	
Meets ACS Requirements	Current ACS Specification

Specification: PRD.4.ZQ5.10000003476

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.