

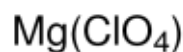
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Product Specification

Product Name:
Magnesium perchlorate – ACS reagent

Product Number: 222283
CAS Number: 10034-81-8
MDL: MFCD00011102
Formula: Cl₂MgO₈
Formula Weight: 223.21 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form) Powder, Granular Powder or Flakes and/or Chunks	Conforms to Requirements
Infrared spectrum	Conforms to Structure
Compleximetric EDTA Typically > 10.0% Mg	
Suitability For Moisture Absorption	Pass
Titration Acid (meq/g)	≤ 0.005
Titration Base (meq/g)	≤ 0.025
Loss on Drying	≤ 8 %
Meets ACS Requirements	Current ACS Specification

Specification: PRD.2.ZQ5.10000024437

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.