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Product Specification

Product Name:
Sodium perchlorate - ACS reagent, ≥98.0%

Product Number: 410241
CAS Number: 7601-89-0
MDL: MFCD00003480
Formula: ClNaO4
Formula Weight: 122.44 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Chunks
X-Ray Diffraction	Conforms to Structure
Titration with AgNO ₃	98.0 - 102.0 %
Insoluble matter	≤ 0.005 %
Calcium (Ca)	≤ 0.02 %
Chloride Content	≤ 0.003 %
Iron (Fe)	≤ 5 ppm
Heavy Metals by ICP-OES	≤ 5 ppm
Potassium (K)	≤ 0.05 %
Sulfate	≤ 0.002 %
pH @ 25 Degrees Celsius (c = 5%; Water)	6.0 - 8.0
Meets ACS Requirements	Current ACS Specification

Specification: PRD.3.ZQ5.10000018040

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.