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Product Specification

Product Name:

Lithium perchlorate – ACS reagent, ≥95.0%

Product Number:

205281

CAS Number:

7791-03-9

MDL:

MFCD00011079

Formula:

CLiO₄

Formula Weight:

106.39 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form) Granules With Chunks and/or Granular Powder	Conforms to Requirements
X-Ray Diffraction	Conforms to Structure
Titration by AgNO ₃	≥ 95.0 %
pH @ 25 DEG C (5% Solution)	6.0 - 7.5
Insoluble matter	≤ 0.005 %
Chloride Content	≤ 0.003 %
Sulfate	≤ 0.001 %
Heavy Metals by ICP-OES	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
Meets ACS Requirements	Current ACS Specification

Specification: PRD.2.ZQ5.10000003474

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.