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## Product Specification

Product Name:

Potassium perchlorate -  $\geq 99.99\%$  trace metals basis

Product Number:

460494

CAS Number:

7778-74-7

MDL:

MFCD00011362

Formula:

ClKO<sub>4</sub>

Formula Weight:

138.55 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form) Powder, Crystalline Powder and/or Chunks	Conforms to Requirements
Infrared spectrum	Conforms to Structure
Titration by AgNO <sub>3</sub> % Cl	25.0 - 26.2 %
ICP Major Analysis Confirms Potassium Component	Confirmed
Purity > = 99.99% Based on Trace Metals Analysis	Meets Requirements
Trace Metal Analysis	≤ 100.0 ppm

Specification: PRD.0.ZQ5.10000062694

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](http://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.