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## Product Specification

**Product Name:**

Potassium perchlorate - ACS reagent, ≥99%

**Product Number:****241830****CAS Number:**

7778-74-7

**MDL:**

MFCD00011362

**Formula:**

CIKO4

**Formula Weight:**

138.55 g/mol

**TEST****Specification**

Appearance (Color)

White

Appearance (Form)

Powder

X-Ray Diffraction

Conforms to Structure

Titration by AgNO<sub>3</sub>

99.0 - 100.5 %

(% KClO<sub>4</sub>)

Insoluble matter

≤ 0.005 %

Chloride Content

≤ 0.003 %

Sulfate

≤ 0.001 %

Calcium (Ca)

≤ 0.005 %

Sodium (Na)

≤ 0.02 %

Heavy Metal

≤ 5 ppm

(by ICP)

Iron (Fe)

≤ 5 ppm

Meets ACS Requirements

Current ACS Specification

Specification: PRD.2.ZQ5.10000031992

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.

