

**Product Name:** Perchloric acid, 0.1N in Acetic Acid Standardized Solution,  
Thermo Scientific Chemicals

**Catalog Number:** 035608.K2

**CAS Number:** 7601-90-3

**IUPAC Name:** perchloric acid

**Molecular Formula:** ClHO<sub>4</sub>

**Molecular Weight:** 100.45

**MDL Number:** MFCD00011325

**InChI Key:** VLTRZXGMWDSKGL-UHFFFAOYSA-N

**SMILES:** O[Cl](=O)(=O)=O

**Synonym:** perchloric acid|perchlorates|perchloric acids|acid, perchloric|HClO<sub>4</sub>|acids,  
perchloric|perchlorsaeure|ClHO<sub>4</sub>|hydroxidotrioxidochlorinelueberchlorsaeure

## Product Specification

**Appearance (Color):** Colorless

**Form:** Liquid

**Assay from Supplier's CoFA:** 0.1N

**Date Of Print:** 05/18/2024

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*