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Product Specifications

NaClO₄

Catalogue Number	30203
Product	Sodium perchlorate anhydrous Hyperchloric acid sodium salt anhydrous
CAS Number	7601-89-0
Molecular Formula	NaClO ₄
Molecular Weight	122.44
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Appearance	White powder
Solubility	209 g in 100 mL in water.
Heavy Metals	≤ 5 ppm
Anion	Chloride (Cl ⁻) : ≤ 0.003% Sulfate (SO ₄ ²⁻) : ≤ 0.002%
Cation	Calcium (Ca) : ≤ 0.02% Potassium (K) : ≤ 0.05% Iron (Fe) : ≤ 5 ppm
pH	6 - 8 (5% solution at 25 °C)
Insoluble material	≤ 0.005%
Related Substances	Silver (Ag) : ND, Copper (Cu) : ≤ 0.1 ppm Lead (Pb) : ND, Arsenic (As) : ND Mercury (Hg) : ND, Bismuth (Bi) : ND Molybdenum (Mo) : ND, Cadmium (Cd) : ≤ 2 ppm Antimony (Sb) : ND, Tin (Sn) : ≤ 2 ppm, Total Impurities : ≤ 3.5 ppm
Assay by titration	98 - 102%
Grade	ACS reagent
Storage	Store at RT

For Laboratory Use Only