

Product Specification

Product Name:

Perchloric Acid **PurChrom for HPLC, ≥70.0%**

Product No.: PSR50498
Brand: PureSynth
CAS No.: 7601-90-3
Molecular Formula: HClO₄
Molecular Weight: 100.46 g/mol



Test	Specification
Appearance	Colourless Liquid
Assay	≥ 70.0 %
Residue after ignition	NMT 0.003 %
Chloride (Cl)	NMT 0.0003 %
Phosphate and silicate (as SiO ₂)	NMT 0.0005 %
Sulphate (SO ₄)	NMT 0.001 %
Nitrogen Compound	NMT 0.002%
Heavy metals (Pb)	NMT 0.5 ppm
Cadmium	NMT 0.00001 %
Copper	NMT 0.00001 %
Iron (as Fe)	NMT 0.0002 %
Potassium	NMT 0.002 %
Manganese	NMT 0.00005 %
Zinc	NMT 0.00005 %
Free Chlorine	NMT 0.00005 %
Identification by ¹ H-NMR	Conforms to Structure
Suitability for HPLC	Complies

Specification: PCH-1.0-QA/32

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com