64683 Einhausen Marie-Curie-StraBe. 3, Germany
Website: www.pure-synth.com
Phone: 1800-8908-260
Email: info@pure-synth.com

PureSynth®
Research Chemicals

Certificate of Analysis

Product Name:
Perchloric Acid Pur*Chrom* Hyper for HPLC, ≥70.0%

Product No.:	PSR50498
Lot No.:	Sample COA
Brand:	PureSynth
CAS No.:	7601-90-3
Molecular Formula:	$HClO_4$
Molecular Weight:	100.46 g/mol
Date of Mfg.:	NA
Date of Exp.:	NA

Test	Specification	Result
Appearance	Colourless Liquid	Colourless Liquid
Assay	≥ 70.0 %	71.20 %
Residue after ignition	NMT 0.003 %	0.002 %
Chloride (Cl)	NMT 0.0003 %	< 0.0003 %
Phosphate and silicate (as Sio_2)	NMT 0.0005 %	< 0.0005 %
Sulphate (So_4)	NMT 0.001 %	< 0.001 %
Nitrogen Compound	NMT 0.002 %	< 0.002 %
Heavy metals (Pb)	NMT 0.5 ppm	< 0.5 ppm
Cadmium	NMT 0.00001 %	< 0.00001 %
Copper	NMT 0.00001 %	< 0.00001 %
Iron (as Fe)	NMT 0.0002 %	< 0.0002 %
Potassium	NMT 0.002 %	< 0.002 %
Manganese	NMT 0.00005 %	< 0.00005 %
Zinc	NMT 0.00005 %	< 0.00005 %
Free Chlorine	NMT 0.00005 %	< 0.00005 %
Identification by ^{1}H-NMR	Conforms to Structure	Conforms to Structure
Suitability for HPLC	Complies	Complies

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com

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Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at a room temperature and keep the container tightly closed.

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

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