

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek Global  
Certificate Number: CERT-0120633

Catalogue Number	A229
Lot Number	24026288
Description	PERCHLORIC ACID, 70%, A.C.S. Grade
CAS Number	7601-90-3
Quality Test/Release Date	22/Jan/2026
Suggested retest date	14/Oct/2030
Country of Origin	United States

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	N/A
ASSAY	w/w %	Inclusive Between 69.0 - 72.0	69.4
CHLORIDE	%	<= 0.001	<0.001
COLOR	APHA	<= 10	<10
HEAVY METALS BY ICP-OES	ppm	<= 1	<1
IGNITION RESIDUE	%	<= 0.003	<0.003
IRON (Fe)	ppm	<= 1	<1
NITROGEN COMPOUNDS	%	<= 0.001	<0.001
SILICATE & PHOSPHATE	ppm	<= 5	<5
SULFATE (SO4)	%	<= 0.001	<0.001

Ash Frey  
Supervisor, Quality Control

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research use or further manufacturing. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.