

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by TUV SUD America Inc.
 Certificate Number. 951001163

Catalogue Number	033266
Lot Number	Z09L045
Description	Phosphoric acid, 85% w/w aq. soln., ACS
CAS Number	7664-38-2
Quality Test/Release Date	10/Dec/2025
Suggested retest date	10/Dec/2030
Country of Origin	United States

Result Name	Units	Specifications	Test Value
Color (APHA)		10	3
Assay (unspecified)	%	85.0% H ₃ O ₄ P min	85.46
Impurity content	ppm	As 1ppm	<0.2
Impurity content	%	Ca 0.002%	<0.00002
Impurity content	ppm	Cl 3ppm	<1
Impurity content	ppm	Fe 0.003%	<0.2
Impurity content	%	K 0.005%	<0.00002
Impurity content	%	Mg 0.002%	<0.00002
Impurity content	ppm	Mn 0.5ppm	<0.01
Impurity content	%	Na 0.025%	<0.0001
Impurity content	ppm	NO ₃ 5ppm	<1
Impurity content		Reducing substances P.T.	Passes test
Impurity content	%	Sb 0.002%	<0.0002
Impurity content	%	SO ₄ 0.003%	<0.001
Impurity content	%	Volatile acids (as CH ₃ COOH) 0.001%	<0.001
Insoluble material	%	0.001%	<0.0005
Trace Metals	%	(as Pb) 0.001%	<0.0005



Derek Roy
 Quality Manager, LCD

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 and development use only. 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.