

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	012314
Lot Number	P13M036
Description	Sodium chloride, ACS, 99.0% min
CAS Number	7647-14-5
Quality Test/Release Date	16/Mar/2026
Suggested retest date	16/Mar/2031
Country of Origin	United States
Declaration of Origin	Synthetic
BSE/TSE	Not directly derived from or manufactured with any animal byproducts in any way (including but not limited to fermentation or nutrient broth, catalysts, enzymes).

Result Name	Units	Specifications	Test Value
Assay (unspecified)	%	≥99.0% NaCl	100.52
Appearance (Color)		White	White
Form		Powder or crystals or crystalline powder	Crystalline powder
Heavy Metals	ppm	≤5ppm (ICP-OES)	<5
Impurity content		Barium (Ba): Passes Test	Passes test
Impurity content	%	Bromine(Br): ≤0.01%	<0.01
Impurity content	%	Calcium (Ca): ≤0.002%	<0.001
Impurity content	%	Chlorate and nitrate (as NO ₃): ≤0.003%	<0.003
Impurity content	%	Iodide (I): ≤0.002%	<0.002
Impurity content	ppm	Iron (Fe): ≤2ppm	<2
Impurity content	%	Magnesium (Mg): ≤0.001%	<0.001
Impurity content	ppm	Phosphate (PO ₄): ≤5ppm	<5
Impurity content	%	Potassium (K): ≤0.005%	<0.005
Impurity content	%	Sulfate (SO ₄): ≤0.004%	<0.004
Insoluble material	%	≤0.005%	<0.005
pH		5.0-9.0 (5% solution at 25°C)	7.3



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

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.



Thermo Fisher Scientific
Ward Hill, MA-Sites
30 Bond Street 220 Neck Road 38 Shelley Road
Ward Hill Ward Hill Ward Hill
MA 01835 MA 01835 MA 01835

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.