

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by INTERTEK SAI Global  
Certificate Number. QMS42099

Catalogue Number	012314
Lot Number	2670331
Description	Sodium chloride. ACS ACS
CAS Number	7647-14-5
Quality Test/Release Date	11/Mar/2026
Expiry Phrase	Use within 5 yrs opening
Country of Origin	Denmark

Result Name	Units	Specifications	Test Value
Assay	%	$\geq 99$ and $\leq 100.2$	99.66
Barium (Pass/Fail)		Must be 'Pass'	Pass
Bromide (%)	%	$\leq 0.01$	<0.002
Calcium (Ca,%)	%	$\leq 0.002$	<0.0002
Chemical form		Crystalline powder	Crystalline powder
Chlorate, Nitrate (as NO <sub>3</sub> )	%	$\leq 0.003$	<0.002
Heavy metals (as Pb %)	%	$\leq 0.0005$	<0.0005
Insoluble matter (%)	%	$\leq 0.005$	None Detected
Iodide (I) (%)	%	$\leq 0.002$	<0.001
Iron (Fe)	ppm	$\leq 2.0$	<0.5
Magnesium (Mg,%)	%	$\leq 0.001$	<0.0001
Phosphate (PO <sub>4</sub> )(%)	%	$\leq 0.0005$	<0.0005
Potassium (K,%)	%	$\leq 0.005$	<0.005
Sulfate (SO <sub>4</sub> )	%	$\leq 0.004$	<0.002
Visual colour		White	White
pH (5% aq. solution) @ 25C		$\geq 5$ and $\leq 9$	5.938

*A. Ganatra*

Ashok Ganatra  
Supervisor, QC

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.