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	Q11L013
Description	Sodium chloride, ACS, 99.0% min
CAS Number	7647-14-5
Quality Test/Release Date	14/May/2025
Suggested retest date	14/May/2030
Country of Origin	United States

Result Name	Units	Specifications	Test Value
Assay (unspecified)	%	≥99.0% NaCl	100.00
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%	0.0000
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%	0.0020
Impurity content	%	Sulfate (SO_4): ≤0.004%	<0.004
Insoluble material	%	≤0.005%	0.0050
pH		5.0-9.0 (5% solution at 25°C)	6.9

John Astarita

John Astarita
Director, Quality

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.