

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	S640
Lot Number	251510A
Description	SODIUM CHLORIDE, U.S.P./F.C.C.
CAS Number	7647-14-5
Quality Test/Release Date	15/Jul/2025
Suggested retest date	29/Feb/2028
Country of Origin	United States
Declaration of Origin	Inorganic
BSE/TSE	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Colorless to white crystalline granules
FCC Grade - ARSENIC	MG/KG	<= 1	<1
FCC Grade - ASSAY	%	Inclusive Between 99.0 - 100.5	99.7
FCC Grade - CALCIUM & MAGNESIUM	%	<= 0.35	<0.35
FCC Grade - HEAVY METALS (as Pb)	MG/KG	<= 2	<2
FCC Grade - IDENTIFICATION (ALL LISTED)	PASS/FAIL	= PASS TEST	PASS TEST
FCC Grade - LOSS ON DRYING @ 110 C	%	<= 0.5	<0.5
USP Grade - ACIDITY OR ALKALINITY	PASS/FAIL	= PASS TEST	PASS TEST
USP Grade - APPEARANCE OF SOLUTION	PASS/FAIL	= PASS TEST	PASS TEST
USP Grade - ARSENIC	ppm	<= 1	<1
USP Grade - ASSAY	%	Inclusive Between 99.0 - 100.5	99.7
USP Grade - BARIUM	PASS/FAIL	= PASS TEST	PASS TEST
USP Grade - FERROCYANIDES	PASS/FAIL	= PASS TEST	PASS TEST
USP Grade - IDENTIFICATION (ALL LISTED)	PASS/FAIL	= PASS TEST	PASS TEST
USP Grade - IODIDES	PASS/FAIL	= PASS TEST	PASS TEST
USP Grade - IRON	ppm	<= 2	<1
USP Grade - LIMIT OF BROMIDES	ppm	<= 100	<100
USP Grade - LOSS ON DRYING PER USP	%	<= 0.5	0.2
USP Grade - MG & ALKALINE EARTH METALS	ppm	<= 100	12
USP Grade - NITRITES	ABS. UNITS	<= 0.01	<0.01
USP Grade - PHOSPHATES	ppm	<= 25	<25
USP Grade - RESIDUAL SOLVENTS	PASS/FAIL	= PASS TEST	PASS TEST
USP Grade - SULFATE (SO4)	ppm	<= 200	<200

Additional Information This material does not contain any BPA (Bisphenol A), phthalates/phthalate esters or animal derived substances.



Harout Sahagian
QC Manager

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.

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.

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