

Certificate of Analysis



SODIUM CHLORIDE AR,ACS

Lot No.	: S0048A-2506016	Product No.	: S0048A
Pack Size	: 25 KG	CAS Number	: 7647-14-5
Mfg. Month & Year	: Jun - 2025	Molecular Weight (g/mol)	: 58.44
Exp. Month & Year	: July - 2030	Molecular Formula	: NaCl

Test	Specifications	Result
DESCRIPTION	White crystals or crystalline powder.	Complies
SOLUBILITY	Solution of 5 g in 50 ml of water is clear and colourless.	Complies
GUARANTEE ANALYSIS		
ASSAY	NLT 99.5 %	99.79%
pH (5% aqueous solution)	5.0 - 8.0	6.89
MAXIMUM LIMITS OF IMPURITIES		
WATER INSOLUBLE MATTER	NMT 0.003%	0.0012%
BROMIDE & IODIDE (as Br)	NMT 0.006%	=< 0.006%
PHOSPHATE(PO ₄)	NMT 0.005%	=< 0.005%
SULPHATE(SO ₄)	NMT 0.02%	=< 0.02%
ARSENIC(As)	NMT 0.0001%	=< 0.0001%
BARIUM	NMT 0.001%	=< 0.001%
CALCIUM(Ca)	NMT 0.002%	0.0012%
IRON(Fe)	NMT 0.002%	=< 0.002%
HEAVY METALS (as Pb)	NMT 0.0005%	=< 0.0005%
MAGNESIUM(Mg)	NMT 0.002%	0.0016%
POTASSIUM(K)	NMT 0.01%	0.0018%
LOSS ON DRYING (130°C)	NMT 0.5%	0.15%

REMARKS:

This above product complies as per the specifications of RYZE CHEMIE INTERNATIONAL.

Approved By

Head -Quality Control

Computer Generated Report - Does not require Signature.

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RYZE CHEMIE

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