

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Sodium chloride - anhydrous, Redi-Dri™, free-flowing, ACS reagent, ≥99%

Product Number: **746398**
CAS Number: 7647-14-5

NaCl

Formula: ClNa
Formula Weight: 58.44 g/mol

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Titration with AgNO ₃	99.0 - 101.5 %
Insoluble matter	≤ 0.005 %
pH	5.0 - 9.0
Iodide	≤ 0.002 %
Bromide	≤ 0.01 %
Chlorate and Nitrate (as NO ₃)	≤ 0.003 %
Phosphate	≤ 5 ppm
Sulfate	≤ 0.004 %
Barium	Pass
Calcium (Ca)	≤ 0.002 %
Magnesium (Mg)	≤ 0.001 %
Iron (Fe)	≤ 2 ppm
Heavy Metals by ICP-OES	≤ 5 ppm
Potassium (K)	≤ 0.005 %
Meets ACS Requirements	Current ACS Specification
Solubility (Color)	Colorless
Solubility (Turbidity) 100 mg/mL H ₂ O.	Clear
Recommended Retest Period 6 Years	-----

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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Specification: PRD.3.ZQ5.10000035876

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