

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

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

Product Number: 746398
Batch Number: SLBZ5708
Brand: SIGALD
CAS Number: 7647-14-5
Formula: ClNa
Formula Weight: 58.44 g/mol
Quality Release Date: 25 SEP 2018
Recommended Retest Date: SEP 2024

NaCl

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Titration with AgNO3	99.0 - 101.5 %	100.4 %
Insoluble Matter	≤ 0.005 %	0.002 %
pH	5.0 - 9.0	6.0
Iodide	≤ 0.002 %	< 0.002 %
Bromide	≤ 0.01 %	< 0.01 %
Chlorate and Nitrate (as NO3)	≤ 0.003 %	0.001 %
Phosphate (PO4)	≤ 5 ppm	< 5 ppm
Sulfate (SO4)	≤ 0.004 %	< 0.004 %
Barium	Pass	Pass
Calcium (Ca)	≤ 0.002 %	< 0.001 %
Magnesium (Mg)	≤ 0.001 %	< 0.001 %
Heavy Metals	≤ 5 ppm	< 2 ppm
by ICP-OES		
Iron (Fe)	≤ 2 ppm	< 2 ppm
Potassium (K)	≤ 0.005 %	0.003 %
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
100 mg/mL H2O.		
Meets ACS Requirements	Current ACS Specification	Conforms
Recommended Retest Period	-----	-----
6 Years		

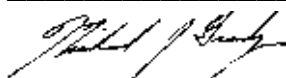
Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser 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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Michael Grady, Manager
Quality Control
Milwaukee, WI US

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