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Product Specification

Product Name:

Sodium chloride – for molecular biology, DNase, RNase, and protease, none detected, ≥99% (titration)

Product Number:

S3014

CAS Number:

7647-14-5

MDL:

MFCD00003477

Formula:

ClNa

Formula Weight:

58.44 g/mol

NaCl

TEST

Specification

Appearance (Color)	White
Appearance (Form)	Powder or Crystals
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
20 g plus 200 ml, H ₂ O	
Potassium (K)	≤ 50 ppm
Titration with AgNO ₃	99.0 - 101.5 %
Heavy Metals (as Lead)	< = 5 ppm
Phosphate (PO ₄)	≤ 5 ppm
DNase, Exonuclease Detection	None Detected
NICKase, Endonuclease Detection	None Detected
RNAse Detection	None Detected
Protease Detection	None Detected
Recommended Retest Period	-----
6 years	

Specification: PRD.2.ZQ5.10000039184

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.