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Product Specification

Product Name:
Lithium chloride - for molecular biology, ≥99%

Product Number: L9650
CAS Number: 7447-41-8
MDL: MFCD00011078
Formula: CLi
Formula Weight: 42.39 g/mol

LiCl

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
at 100 mg/ml in H ₂ O	
Loss on Drying	≤ 1.0 %
at 105 deg C	
Barium	≤ 0.003 %
Sodium (Na)	≤ 0.20 %
Iron (Fe)	≤ 0.001 %
Sulfate (SO ₄)	Pass
< or = 0.01%	
Heavy Metals (as Lead)	Pass
< /= 0.002%	
Titration by AgNO ₃	≥ 99 %
DNAse, Exonuclease Detection	None Detected
NICKase, Endonuclease Detection	None Detected
RNAse Detection	None Detected
Protease by FITC-Casein	None Detected
Potassium (K)	≤ 0.01 %

Specification: PRD.0.ZQ5.10000024053

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.