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Product Specification

Product Name:
Potassium chloride - for molecular biology, ≥99.0%

Product Number: P9541
CAS Number: 7447-40-7
MDL: MFCD00011360
Formula: KCl
Formula Weight: 74.55 g/mol

KCl

| TEST | Specification |
|---------------------------------|--------------------|
| Appearance (Color) | White |
| Appearance (Form) | Powder or Crystals |
| Solubility (Color) | Colorless |
| Solubility (Turbidity) | Clear |
| 200 mg/mL, H ₂ O | |
| Water (by Karl Fischer) | ≤ 2 % |
| Iron (Fe) | ≤ 3 ppm |
| Heavy Metals (as Lead) | < = 5 ppm |
| DNAse, Exonuclease Detection | None Detected |
| NICKase, Endonuclease Detection | None Detected |
| RNAse Detection | None Detected |
| Protease Detection - FITC | None Detected |
| Titration by AgNO ₃ | ≥ 99.0 % |
| Based on chloride content | |
| Recommended Retest Period | ----- |
| 2 years | |

Specification: PRD.3.ZQ5.10000012320

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.