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Product Specification

Product Name:

Calcium chloride dihydrate - for molecular biology, ≥99.0%

Product Number:**C3306**CaCl₂ • 2H₂O

CAS Number:

10035-04-8

MDL:

MFCD00149613

Formula:

CaCl₂ • 2H₂O

Formula Weight:

147.01 g/mol

| TEST | Specification |
|---------------------------------|----------------|
| Appearance (Color) | White |
| Appearance (Form) | Powder |
| Solubility (Color) | Colorless |
| Solubility (Turbidity) | Clear |
| 294 mg/mL, H ₂ O | |
| Loss on Drying | 19.6 - 28.8 % |
| Titration with EDTA | 99.0 - 105.0 % |
| DNase, Exonuclease Detection | None Detected |
| NICKase, Endonuclease Detection | None Detected |
| RNAse Detection | None Detected |
| Protease by FITC-Casein | None Detected |
| Recommended Retest Period | ----- |
| 3 years | |

Specification: PRD.1.ZQ5.10000014743

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.