

## Certificate of Analysis

Date of Testing: 2023-03-10 10:20:23  
Date of Next Testing: 2025-02-27 10:20:23  
Product Name: **Calcium chloride dihydrate**  
CAS Number: 10035-04-8  
Specifications & Purity: for molecular biology, ≥99%  
Lot #: F2101141  
SKU #: **C118445**  
**Analysis:** **196904**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity Titration by EDTA	99-100 (%)	99.04 %
Water by Karl Fischer	23-25.5 (%)	24.12 %
Appearance (C118445)	white powder or chunks	White Powder or Chunks
DNase Detection	none detected	none detected
Endonuclease Detection	None Detected	none detected
proteases	none detected	none detected
RNases	none detected	none detected
Solubility, Colorless, Clear, 294 mg/mL, H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager