

ChemiPURE Calcium Chloride Dihydrate, $\geq 99\%$

500 gr, 1 kg

Cat No: CCL205, CCL210

Shipping : Ship at ambient temperature.

Storage : Store at room temperature (15–25°C) in a tightly closed container.

General Information

ChemiPURE Calcium Chloride Dihydrate ($\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$) is a high-purity laboratory reagent ($\geq 99\%$) intended for research, analytical, biochemical, molecular biology, microbiology, and industrial laboratory applications. As a highly water-soluble calcium salt, it is widely used in biological and chemical laboratories where a reliable source of calcium ions is required for enzymatic reactions, cell biology studies, and buffer preparation.

Calcium chloride dihydrate is commonly used in the preparation of molecular biology and biochemistry buffers, transformation protocols for chemically competent bacteria, enzyme reaction mixtures, cell culture media supplements, electrophoresis applications, and analytical reagents. It also serves as an essential calcium source in microbiological media and various laboratory procedures requiring controlled calcium ion concentrations.

ChemiPURE Calcium Chloride Dihydrate is manufactured under stringent quality control standards to ensure high purity, excellent batch-to-batch consistency, and reliable performance for routine laboratory and research applications.

Applications

- Preparation of molecular biology and biochemistry buffers
- Preparation of chemically competent bacterial cells for DNA transformation
- Enzyme reaction buffers requiring calcium ions
- Cell culture media supplementation
- Microbiological media preparation
- Analytical chemistry and quality control laboratories
- Electrophoresis and biochemical applications
- General laboratory and research applications

This product is sold for laboratory research use only.

CAS Number: 10035-04-8

Purity: $\geq 99\%$

Molecular Weight: 147.02

Molecular Formula: $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$

Appearance: White crystalline powder