

ChemiPURE Sodium Dihydrogen Phosphate Dihydrate, ≥ 98%

500 gr, 1 kg

Cat No: SDP205, SDP210

Shipping : Ship at ambient temperature.

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

General Information

ChemiPURE Sodium Dihydrogen Phosphate Dihydrate ($\text{NaH}_2\text{PO}_4 \cdot 2\text{H}_2\text{O}$) is a high-purity laboratory reagent (≥98%) designed for research, analytical, biochemical, molecular biology, microbiology, and pharmaceutical laboratory applications. As a monobasic phosphate salt, it is an essential component of phosphate buffer systems, providing effective pH control and stable ionic conditions in a wide variety of laboratory procedures.

Sodium dihydrogen phosphate dihydrate is widely used in the preparation of phosphate buffer solutions, phosphate-buffered saline (PBS), enzyme reaction buffers, cell culture media, protein purification buffers, and analytical reagents. Together with dibasic phosphate salts, it enables precise adjustment of buffer pH, making it indispensable for nucleic acid, protein, and enzyme-based research.

ChemiPURE Sodium Dihydrogen Phosphate 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 phosphate buffer solutions
- Preparation of PBS (Phosphate-Buffered Saline)
- Molecular biology and biochemistry applications
- Enzyme reaction and protein purification buffers
- Cell culture media and physiological buffer systems
- Microbiological media preparation
- Analytical chemistry and quality control laboratories
- General laboratory and pharmaceutical research applications

This product is sold for laboratory research use only.

CAS Number: 13472-35-0

Purity: ≥98%

Molecular Weight: 156.01

Molecular Formula: $\text{NaH}_2\text{PO}_4 \cdot 2\text{H}_2\text{O}$

Appearance: White crystalline powder