

ChemiPURE Boric Acid, $\geq 99.9\%$

500 gr, 1 kg

Cat No: BAC05, BAC10

Shipping : Ship at ambient temperature.

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

General Information

ChemiPURE Boric Acid (H_3BO_3) is a high-purity laboratory reagent ($\geq 99.9\%$) intended for research, analytical, biochemical, and industrial laboratory applications. Boric acid is a weak inorganic acid widely used in molecular biology, electrophoresis, microbiology, analytical chemistry, and pharmaceutical laboratories due to its excellent buffering properties and chemical stability.

It is commonly used for the preparation of Tris-Borate-EDTA (TBE) buffer, one of the most frequently employed electrophoresis buffers for DNA and RNA separation. Boric acid is also utilized in the preparation of buffer systems, microbiological culture media, analytical reagents, and various chemical formulations requiring controlled pH and ionic strength.

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

Applications

- Preparation of TBE buffer for nucleic acid electrophoresis
- Preparation of laboratory buffer solutions
- Molecular biology and biochemistry applications
- Microbiological media preparation
- Analytical chemistry and quality control laboratories
- General chemical and pharmaceutical laboratory applications
- Research and educational laboratories

This product is sold for laboratory research use only.

CAS Number: 10043-35-3

Purity: $\geq 99.9\%$

Molecular Weight: 61.83

Molecular Formula: H_3BO_3

Appearance: White crystalline powder