

SODIUM PHOSPHATE DIBASIC ANHYDROUS, 500g**PG-4040-500G**

Sodium Phosphate Dibasic Anhydrous is a high-purity inorganic salt widely used in molecular biology, biochemistry, microbiology, and analytical laboratories. It serves as an essential component in phosphate buffer systems, cell culture media, chromatography buffers, and molecular biology reagents. Due to its excellent buffering capacity and compatibility with biological systems, Sodium Phosphate Dibasic Anhydrous is extensively utilized for pH control and buffer preparation in research and diagnostic applications..

Details

Product Name Sodium Phosphate Dibasic Anhydrous

Chemical Name Disodium Hydrogen Phosphate, Anhydrous

Molecular Formula Na_2HPO_4

Molecular Weight 141.96 g/mol

Appearance White crystalline powder

Purity $\geq 99\%$

Solubility Freely soluble in water

pH (1% Solution) 8.7 – 9.3

CAS Number 7558-79-4

Storage Condition RT

Safety

Generally regarded as non-hazardous under normal laboratory conditions. Avoid inhalation of dust and contact with eyes. Use appropriate laboratory PPE, including gloves, lab coat, and safety glasses. Store in a cool, dry place away from moisture.