

Potassium pH osphate Buffer, K3PO4 (0.5mol/L, pH 4.5)

Cat #: A-CSH679

Size: 500mL

Storage: 2~8°C (12 months)

Product Description

Balanced Salt Solution (BSS) is designed to mimic the environmental conditions of cell growth, including pH and osmotic pressure. It plays a crucial role in maintaining osmotic pressure, controlling acid-base balance, supplying the necessary energy and inorganic salt components for cell survival and metabolism during in vitro experiments.

Potassium Phosphate Buffer (0.5M, pH 4.5) is prepared by mixing potassium dihydrogen phosphate and dipotassium phosphate in different proportions. The concentration of phosphate ions is 0.5M. Customers can choose the desired pH value from 5.8, 6.0, 6.2, 6.4, 6.6, 6.8, 7.0, 7.2, 7.4, 7.6, 7.8, and 8.0.

Usage

Operate according to the specific requirements of the experiment.

Notes

1. Pay attention to aseptic techniques to avoid microbial contamination.
2. For your safety and health, please wear laboratory clothing and disposable gloves when handling

Disclaimer

The reagent is only used in the field of scientific research, not suitable for clinical diagnosis or other purposes.