

Datasheet

HBSS**Buffered Salt Solution**

Product	Description	Catalogue-No.	Size
HBSS	Hank's Balanced Salt Solution	See below	100 ml 500 ml 1000 ml

Product description

The main purpose of buffered salt solutions is the maintenance of pH and osmolarity in cell culture applications as well as providing essential inorganic ions. These solutions are usually used for washing tissues and cells. Often they are combined with other agents in cell and tissue treatment.

Storage conditions and stability

Storage: +2 °C to RT
Stability: 3 years from date of production
Size: 100 ml, 500 ml, 1000 ml, other sizes on request

Composition

See Cat. No. specific composition.

Catalogue No.

P04-32100, P04-32500, P04-49100, P04-49500, P04-33100, P04-33500, P04-50100, P04-50500, P04-32105, P04-32505, P04-49105, P04-49505, P04-34100, P04-34500, P04-341000

Applications

HBSS can be used as a washing solution for living cells, or as a carrier solution for various substances. The main purpose of HBSS is to maintain pH as well as osmotic balance and provides water and essential inorganic ions to cells. It is designed for use with cells maintained in non-CO₂ atmospheric conditions. For cell dissociation procedures use a modified HBSS, which is formulated without calcium and magnesium salts (e.g. P04-33500, P04-50500, P04-34500, P04-50505).

Technical support

For technical support, questions or remarks please contact your local PAN-Biotech partner or the technical department of PAN-Biotech via email (info@pan-biotech.com) or phone +49-8543-601630.

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