

Technical Data Sheet



Phosphate Buffered Saline (10X)

(10X PBS Buffer)

(Suitable for cell culture)

Cat #: BF-M-PBS-10X

Description

Phosphate buffered saline (PBS) from MOLEQULE-ON available as a 10X concentrate. It is filtered through 0.2 μ m filter membrane. The buffer is isotonic and non-toxic to most cells therefore, it is used in many biological research procedures. PBS Buffer commonly used as substance dilution, cell wash solution and rinsing of cell container.

Working Solution

To make one liter of 1X working concentration of PBS, mix 100ml of 10X Phosphate Buffered Saline in 900ml of sterile distilled water. In 1X solution, the concentration of phosphate buffer is 0.01M while of sodium chloride is 0.154M. The solution pH will be ~7.2-7.4.

Test

Appearance (Turbidity)

Appearance (Color)

Appearance (Form)

pH at 25°C

DNase, Exonuclease

RNAse Detection

Protease

Cell Culture Test

Specifications

Clear

Colorless

Solution

7.2 - 7.4

Detection None Detected

None Detected

Detection None Detected

Pass

Storage

Store at 18-25°C

For Laboratory Use Only