

## Certificate of Analysis

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Product Name: PBS, 100 Tablets

Catalog No.: 5564

Batch No.: 6

### 1. PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance: White tablet

Storage: Store at RT

### 2. ANALYTICAL DATA

pH: 7.5

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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**Product Name:** PBS, 100 Tablets

**Catalog No.:** 5564

**Batch No.:** 6

**Description:**

PBS, 100 Tablets is a phosphate buffered saline (PBS) tablets. Dissolve 1 tablet into 100ml of water. This will produce 100ml of PBS solution containing: Sodium chloride (137mM), Potassium chloride (2.7mM), Phosphate buffer (11.9mM).

**Physical and Chemical Properties:**

Physical Appearance: White tablet

**Storage:** Store at RT

**Solubility & Usage Info:**

Dissolve 1 tablet into 100ml of water. This will produce 100ml of PBS solution containing: Sodium chloride (137mM), Potassium chloride (2.7mM), Phosphate buffer (11.9mM).

**Stability and Solubility Advice:**

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

**SOLIDS:** Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

**SOLUTIONS:** We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

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