Phenol Red Sodium Salt

Storage conditions: Room temperature, protected from light and humidity

Shelf life: 48 months

Composition: Phenol Red Sodium Salt

Molecular weight: 376,36 g/mol

CAS Number: 34487-61-1

Chemical Formula: $C_{19}H_{13}NaO_5S$

Appearance: Fine, ruby coloured crystalline powder

Assay: ≥ 95 %

Loss on drying: ≤ 8 %

Water insoluble matter: ≤ 0.5 %

Recommended use:
- Respect storage conditions of the product
- Do not use the product after its expiry date
- Store the product in a dry area
- Wear clothes adapted to the manipulation of the product to avoid contamination (e.g. : gloves, mask, hygiene cap, overall…)
- Protect the product from any form of humidity
- Use, in one time, after opening, the entire quantity of product of the container. If it is not possible, close the container immediately after sampling the quantity of powder required.

The product is intended to be used in vitro for research or further manufacturing only and not for use as an Active Pharmaceutical Ingredient or food or animal feed.

Application:
Phenol red is used as a pH indicator. The sodium salt of phenol red is used widely in culture media to identify changes from neutral to acidic pH values. A solution of phenol red will have a yellow colour at a pH of 6.4 or below and a red colour at a pH of 8.2 and above.
It is typically used in cell culture media at 11 mg/l.

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ClearLine	Technical data sheet Media Powder	Ref : 509370

Uses:
Phenol red when added as a component to tissue culture media, can be autoclaved.

Signs of deterioration:
Not applicable

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