

### 0.1 M Citrate Buffer, pH 4.8

<u>Product Name</u>	<u>Product Code</u>	<u>Kit Packing</u>
0.1 M Citrate Buffer, pH 4.8	ML172-500ML	500 ml

#### Introduction:

0.1 M Citrate Buffer, pH 4.8 is used as a buffer in molecular biology, tissue culture and Enzyme kinetics. Citrate buffer is a common ingredient of pharmaceutical preparations with a pH in the acid range and citrate species have been reported to catalyze the degradation of a number of drugs. Citrate buffer plays a major role in photolysis of riboflavin in aqueous solution.

#### Description:

0.1 M Citrate Buffer, pH 4.8 is widely used in acid phosphatase reactions. 0.1 M Citrate Buffer, pH 4.8 is composed of Citric acid and Tri Sodium Citrate.

#### Composition:

0.1 M Citrate Buffer, pH 4.8 consists of extra pure MB grade Citric acid and Tri Sodium Citrate. This solution is ready for use and require no extra preparation.

#### Properties:

Appearance	: Colorless solution
Clarity	: Clear and free of particles
Bioburden	: None detected
pH	: 4.76 – 4.84
Sterility	: No Bacterial or Fungal growth observed after 14 days of incubation as per USP Specifications
Suitability Test	: This solution has been tested and is suitable for use.

#### Storage conditions:

0.1 M Citrate Buffer, pH 4.8 has to be stored at 2-8°C. Under recommended condition, the reagent is stable for 24 months.

Please refer disclaimer Overleaf.

## Warning and Precautions

Not for Medicinal Use. Read the SDS carefully before beginning the protocol. Wear protective gloves/protective clothing/eye protection/face protection. Follow good clinical laboratory practices while handling clinical samples. Standard precautions should be followed as per established guidelines. Safety guidelines may be referred in safety data sheets of the product.

## Performance and Evaluation

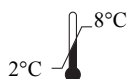
Performance of the solution is expected when the solution is stored at recommended temperature and within the expiry period.

## Safety Information

The 0.1 M Citrate Buffer, pH 4.8 is for laboratory use only, not for drug, household or other uses. Take appropriate laboratory safety measures and wear gloves and safety goggles when handling. Not compatible with disinfecting agents containing bleach. Please refer the Safety Data Sheet (SDS) for information regarding hazards and safe handling practices.

## Technical Assistance

At HiMedia we pride ourselves on the quality and availability of our technical support. For any kind of technical assistance, mail at [mb@himedialabs.com](mailto:mb@himedialabs.com).



Storage temperature



Do not use if package is damaged



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### Disclaimer :

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