



Product Specification

cdhfinechemical.com

BUFFER SOLUTION pH 7.0 CITRISOL CONCENTRATED ON RECEIPT STORE AT 2-8°C

PRODUCT CODE 812700

Intended Use

Buffer solution, pH 7.00 ± 0.02 is used to establish and maintain an ion activity within narrow range. It is most commonly used to establish hydrogen-ion activity for the calibration of pH meters, in analytical procedures. It is also used to maintain stability of various dosage forms.

Principle And Interpretation

Buffer is defined as a solution which resists changes in the activity of an ion on addition of substances that are expected to change the activity of that ion. Buffer capacity refers to the amount of material that may be added to solution without causing a significant change in ion activity. Buffered solutions are systems in which the ion is in equilibrium with substances capable of removing or releasing the ion. For successful completion of many pharmacopeial tests and assay requires adjustment or maintenance of a specified pH by addition of buffer solutions. In pH measurements standard buffer solutions are required for reference purposes.

PARAMETER	LIMIT
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Description	Clear colorless solution.
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Solubility	Miscible with water
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pH (after dilution of the concentrate with distilled water to 500ml, 20°C)	7.00 ± 0.02
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Note(s) : Assay (if applicable) method mentioned.

DANGER

Hazard statements

Precautionary statements

Prevention:

Response

IMDG Code :

UN No. :

IATA :

Disposal:---

Hazard Pictogram(s) :--

Replace date 16-Dec-2023