

## *Acidic Solution Definition*

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**Acidic Solution Definition**

Acidic solutions are any solution that has a higher concentration of hydrogen ions than water; solutions that have a lower concentration of hydrogen ions than water are called basic or alkaline solutions. Acidity is measured on a scale known as pH which sets water at 7; all acidic solutions have pH less than 7 and bases have pHs greater than 7.

**Definition of Acidic Solution | Sciencing**

Acidic Solution Definition. An acidic solution is any aqueous solution which has a  $\text{pH} < 7.0$  ( $[\text{H}^+] > 1.0 \times 10^{-7} \text{ M}$ ). While it's never a good idea to taste an unknown solution, acidic solutions are sour, in contrast to alkaline solutions, which are soapy. Examples: Lemon juice, vinegar, 0.1 M HCl, or any concentration...

**Acidic Solution Definition in Chemistry - ThoughtCo**

A measure of the acidity and alkalinity of a substance; the pH scale has a range of 0 to 14, with 7 being neutral. A pH below 7 is an acidic solution; a pH above 7 is an alkaline solution. Characteristics that can be determined without a chemical reaction and that do not cause a chemical change in the substance.

**Acidic solution Flashcards | Quizlet**

Definition of ACID SOLUTION: An aqueous solution with pH below 7. They contain more hydrogen ions than hydroxyl ions. Litmus paper will change a color from blue to red in the acid solution.

**What is ACID SOLUTION? definition of ACID SOLUTION ...**

Now there are more hydrogen ions than hydroxide ions in the solution. This kind of solution is acidic. A base is a substance that accepts hydrogen ions. When a base is dissolved in water, the balance between hydrogen ions and hydroxide ions shifts the opposite way.

**Acids, Bases, & the pH Scale - Science Buddies**

As the pH decreases, the solution becomes 10 times more acidic for each point. A solution of pH 4 is 10 times more acidic than a solution of pH 5.

**What is an acidic solution - answers.com**

Acids are defined by the Bronsted-Lowry definition as compounds that donate a hydrogen ion in solution. Acidic solutions are made by dissolving the acidic compound (as the solute) in water (as ...

**Acidic Solutions: Properties & Examples - Study.com**

[əˈsɪd] Any of a class of compounds that form hydrogen ions when dissolved in water, and whose aqueous solutions react with bases and certain metals to form salts. Acids turn blue litmus paper red and have a pH of less than 7. Their aqueous solutions have a sour taste.

**Acidic | Definition of Acidic at Dictionary.com**

Updated March 06, 2017. Basic Solution Definition: An aqueous solution containing more OH<sup>-</sup> ions than H<sup>+</sup> ions. An aqueous solution with a pH greater than 7.

**Basic Solution - Acid and Base Chemistry Definitions**

An alkaline solution is a mixture of base solids dissolved in water. The potential of hydrogen, also known as the pH scale, measures the alkalinity or acidity level of a solution. The scale ranges from zero to 14. The midpoint 7 represents a neutral pH. A neutral solution is neither an acid nor alkaline.

**What is an Alkaline Solution? | Livestrong.com**

An acidic solution is an aqueous solution that has a pH less than 7. Aqueous solutions are liquid mixtures made up of any chemical dissolved in water. The reason why the solution must contain water is that pH is a measure of the number of ions formed in water.

**What Is an Acidic Solution? | Reference.com**

the acidic solution is the solution whose PH(concentration of H + ions) is below seven. thew smaller the PH number the more acidic the solution is. some acidic solutions can be:orange juice ...

**What is the definition of a acidic solution - answers.com**

Acid definition, a compound usually having a sour taste and capable of neutralizing alkalis and reddening blue litmus paper, containing hydrogen that can be replaced by a metal or an electropositive group to form a salt, or containing an atom that can accept a pair of electrons from a base. Acids are proton donors that yield hydronium ions in water solution, or electron-pair acceptors that ...

**Acid | Definition of Acid at Dictionary.com**

An acid is a molecule or ion capable of donating a hydron (proton or hydrogen ion H+), or, alternatively, capable of forming a covalent bond with an electron pair (a Lewis acid). The first category of acids is the proton donors or Brønsted acids.

**Acid - Wikipedia**

Acidic Solution Definition Adj. 1. acidic - being or containing an acid; of a solution having an excess of hydrogen atoms (having a pH of less than 7)Acidic - definition of acidic by The Free Dictionary Acidic definition, acid(def 5). See more. Any of a class of compounds that form hydrogen ions when

**Acidic Solution Definition - laylagrayce.com**

'Unbuffered aqueous solutions are easily rendered slightly acidic by dissolved carbon dioxide.' 'The solution formed by hydrolysis may be acidic, basic, or neutral.' 'Researchers say many sodas are acidic and contain carbon dioxide that can expand the stomach, which in turn can cause acid reflux.'

**acidic | Definition of acidic in English by Oxford ...**

Define acidic. acidic synonyms, acidic pronunciation, acidic translation, English dictionary definition of acidic. adj. 1. Acid. See Synonyms at sour. 2. Tending to form an acid. adj 1. another word for acid 2. yielding an acid in aqueous solution adj. 1. acid.

**Acidic - definition of acidic by The Free Dictionary**

Acid definition is - a sour substance; specifically : any of various typically water-soluble and sour compounds that in solution are capable of reacting with a base to form a salt, redden litmus, and have a pH less than 7, that are hydrogen-containing molecules or ions able to give up a proton to a base, or that are substances able to accept an unshared pair of electrons from a base.

**Acid | Definition of Acid by Merriam-Webster**

Start studying Chapter 9: Acids and Bases. Learn vocabulary, terms, and more with flashcards, games, and other study tools. ... measure of the concentration of hydrogen ions in a solution. neutral. neither acidic nor basic ... reaction between an acid and a base to produce a salt and water. salt. substance formed from the negative ion of an ...

**Chapter 9: Acids and Bases Flashcards | Quizlet**

Acidic solutions have a lower pH, while basic solutions have a higher pH. At room temperature (25 °C), pure water is neither acidic nor basic and has a pH of 7. The pH scale is logarithmic and approximates the negative of the base 10 logarithm of the molar concentration (measured in units of moles per liter) of hydrogen ions in a solution.

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