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Food Science Chapter 6 Crossword

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| **Across****2.** Measure of parts of one substance to the known volume of another**6.** Point at which there are equal numbers of acid and base molecules**7.** Compound that helps stabilize pH by absorbing excess acids or bases in a solution**12.** Process of forming ions**13.** natrurally occuring color pigments that change color when exposed to acids or bases**14.** Organic dye used to measure the pH through color change**15.** Range that expresses the degree of concentration of hydrogen or hydronium ions present in a solution**16.** Positively charged hydrogen atom, symbolized by H+**17.** Acids and bases combine to a form a compound with ionic bonds**20.** Compound such as an acid that easily gives up a proton**21.** Substance that produces hydroxide ions in water based solutions, also called alkalis**22.** ydrogen atom bonded to a water molecule, symbolized as H3O+**23.** Point at which all ions in a solution have chemically combined**25.** negatively charged oxygen and hydrogen group | **Down****1.** process used to measure the pH of foods**3.** Scientific principle that identifies acids as proton donors and bases as proton acceptors**4.** Point at which there are equal numbers of acid and base molecules**5.** Ingredient added to naked goods to lighten or aerate the finished product**8.** Compounds such as a base that accepts protons**9.** number of particles**10.** Deadliest type of food bourne illness, which is caused by a toxin produced by the bacteria Clostridium Botulinium**11.** When it has an equal number of positive and negative charges**18.** measure of solute concentration expressed as moles per liter**19.** Avogadro's number of particles of any substance**24.** Substance that produces hydrogen or hydronium ions in water based solutions |