

Definition Of Saturated Solution In Chemistry

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Definition Of Saturated Solution In

The definition of a supersaturated solution is one which contains more dissolved solute than could ordinarily dissolve into the solvent. A minor disturbance of the solution or introduction of a "seed" or tiny crystal of solute will force crystallization of excess solute.

Saturated Solution Definition and Examples - ThoughtCo

A saturated solution is a solution in which there is so much solute that if there was any more, it would not dissolve. When a saturated solution is placed in contact with additional solute, solute neither dissolves nor is deposited. When water, or any solvent, has dissolved as much of any substance as it can, it is a saturated solution.

Saturated solution definition and meaning | Collins ...

A saturated solution is one in which any additional solute added to the solution is no longer dissolved. Solutions are combinations of solvents – most commonly liquids – and solutes, which are typically solids. Keep Learning.

What Is the Definition of a "saturated Solution ...

Definition of Saturated Solution. A saturated solution is one where there are about equal amounts of particles or solutes and solvent in the solution. If you live on one of the coasts, you've probably gone to the beach and played in the water.

Saturated Solution: Definition & Examples - Study.com

saturated solution. a solution in which the solvent contains the maximum amount of solute it can dissolve at a particular temperature. It is often expressed as the number of grams of solute that can dissolve in 100 mL of solution. See also solute, solvent.

Saturated solution | definition of saturated solution by ...

The term saturated solution is used in chemistry to define a solution in which no more solute can be dissolved in the solvent. It is understood that saturation of the solution has been achieved when any additional substance that is added results in a solid precipitate or is let off as a gas.

Examples of Saturated Solution

A solution in which the maximum amount of solvent has been dissolved. Any more solute added will sit as crystals on the bottom of the container.

saturated solution definition - Northwestern University

Saturated definition: Saturated fats are types of fat that are found in some foods, especially meat , eggs ,... | Meaning, pronunciation, translations and examples

Saturated definition and meaning | Collins English Dictionary

(of a solution) containing the maximum amount of solute capable of being dissolved under given conditions. (of an organic compound) containing no double or triple bonds; having each single bond attached to an atom or group. (of an inorganic compound) having no free valence electrons.

Saturated | Definition of Saturated at Dictionary.com

Medical Definition of saturated 1 : being a solution that is unable to absorb or dissolve any more of a solute at a given temperature and pressure 2 : being an organic compound having no double or triple bonds between carbon atoms

Saturated | Definition of Saturated by Merriam-Webster

Define saturated solution. saturated solution synonyms, saturated solution pronunciation, saturated solution translation, English dictionary definition of saturated solution. A solution where there is an equilibrium between the solution and its solute

Saturated solution - definition of saturated solution by ...

The solution is said to be saturated if the rate of crystallization and rate of solubility are same. The net dissolving rate can be increased by stirring the solution which prevents the build up of solute. The response of the equilibrium system is predicted using Le Chatelier's principle which depends upon the change in pressure ...

Saturated Solution | Definition & Examples And Saturated ...

Solutions. In physical chemistry, saturation is the point at which the solute of a substance can dissolve no more of that substance and additional amounts of it will appear as a separate phase (as a precipitate, if solid, or as effervescence or inclusion, if gaseous). This point of maximum concentration, the saturation point,...

Saturation (chemistry) - Wikipedia

A saturated solution contains more solute per volume of solvent than an unsaturated solution. The solute has dissolved until no more can, leaving undissolved matter in the solution. Usually the undissolved material is more dense than the solution and sinks to the bottom of the container.

Unsaturated Solution Definition - ThoughtCo

Of or relating to a solution in which the solvent is capable of dissolving still more of the solute; not saturated. Of or relating to a chemical compound in which all the affinities are not satisfied, so that still other atoms or radicals may be added to it.

Unsaturated | Definition of Unsaturated at Dictionary.com

Saturated solution. From Biology-Online Dictionary | Biology-Online Dictionary. Jump to: navigation, search. saturated solution A solution that contains all of a substance capable of dissolving; a solution of a substance in equilibrium with an excess undissolved substance.

Saturated solution - Biology-Online Dictionary | Biology ...

Supersaturation is a state of a solution that contains more of the dissolved material than could be dissolved by the solvent under normal circumstances. It can also refer to a vapor of a compound that has a higher (partial) pressure than the vapor pressure of that compound. Supersaturation is used in cloud chambers.

Supersaturation - Wikipedia

They found the prairies saturated with the heavy cold rains, prevalent in certain seasons of the year in this part of the country, the wagon wheels sank deep in the mire, the horses were often to the fetlock, and both steed and rider were completely jaded by the evening of the 12th, when they reached the Kansas River; a fine stream about three hundred yards wide, entering the Missouri from the ...

Saturated - definition of saturated by The Free Dictionary

Grids were air dried and stained with uranyl acetate (saturated solution in 50% ethanol) and lead citrate. From Cambridge English Corpus The peptides in water/acetonitrile (0.5 l) were deposited on a thin layer of -cyano-4-hydroxycinnamic acid made by rapid evaporation of a saturated solution in acetone.

SATURATED SOLUTION | definition in the Cambridge English ...

The definition of solute concentration is the amount of solutes or particles that are dissolved in a solution. And remember that our definition of an unsaturated solution says that there are fewer ...

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