

***Can A Solution With Undissolved Solute Be Supersaturated  
Explain***

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### **Can A Solution With Undissolved**

So, in order to form SATURATED SOLUTIONs you may obtain undissolved solute. In order to form SUPERSATURATED SOLUTIONs you have to use FREEZE APPARATUS to avoid any EQUILIBRIUM PHENOMENA, e.g. the crystallization-germs : if precipitation occurs, you will obtain not SUPERSATURATED SYSTEMs. I hope this could be clear.

### **Can a solution with undissolved solute be supersaturated ...**

Supersaturated Solutions: A saturated solution contains the maximum mass of dissolved solute in a given volume of solvent at a particular temperature, and it may or may not contain undissolved solute.

### **Can a solution with undissolved solute be supersaturated ...**

Chapter 15 ChemPhys. STUDY. PLAY. ... Can a solution with undissolved solute be supersaturated? Explain. No, if there were undissolved solute, the excess solute would come out of a supersaturated solution. What is the effect of pressure on the solubility of gases in liquids?

### **Chapter 15 ChemPhys Flashcards | Quizlet**

In this question, we discuss whether a solution with undissolved solute can be supersaturated by considering the state of equilibrium in solutions with undissolved solute. When a solution has all of a particular solute that can possibly be dissolved already dissolved into the solution, we call that solution saturated. If more solute is added, it will remain undissolved at the bottom of the solution.

### **Solved: Can a solution with undissolved solute be ...**

A solution that is super saturated has more solute than can be dissolved under normal conditions. Such solutions are generally difficult to make because the solute quickly forms crystals.

### **Can a solution with undissolved solute be supersaturated?**

Undissolved definition, to make a solution of, as by mixing with a liquid; pass into solution: to dissolve salt in water. See more.

### **Undissolved | Definition of Undissolved at Dictionary.com**

We can prepare a homogeneous saturated solution by adding excess solute (in this case, greater than 35.9 g of NaCl) to the solvent (water), stirring until the maximum possible amount of solute has dissolved, and then removing undissolved solute by filtration.

### **13.2: Saturated Solutions and Solubility - Chemistry ...**

A solution is saturated when no more solute can be dissolved at the current temperature. A saturated solution is one in which the dissolved and undissolved solutes are in equilibrium.

### **What is a Solution? - Edinformatics**

Can a solution with undissolved solute be supersaturated ... Supersaturated Solutions: A saturated solution contains the maximum mass of dissolved solute in a given volume of solvent at a particular temperature, and it may or may not contain undissolved solute. Can a solution with undissolved solute be supersaturated ... Chapter 15 ChemPhys. STUDY.

### **Can A Solution With Undissolved Solute Be Supersaturated**

For a saturated aqueous solution in equilibrium with a molecular (covalent) solute which is a solid, molecules of solute dissolved in water are in equilibrium with undissolved molecules of solute and we can write:

### **Chemistry Tutorial Solubility and Le Chateliers Principle**

A solution that is in equilibrium with undissolved solute is said to be saturated. Additional solute will not dissolve if added to such a solution. The amount of solute needed to form a saturated solution in a given quantity of solvent is known as the solubility of that solute.

Chemistry Chapter 16. If the temperature of a solution having a small excess of solid solute is raised, the solute dissolves. If the solution is then allowed to cool slowly, the excess solute may stay dissolved at a temperature below the temperature at which it would ordinarily crystallize.

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