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what is ionic solution example socratic Apr 23 2023 it is a solution containing ions ions are atoms that have gained or lost electrons to acquire a positive lost electron or negative gained electron charge often ions exist as part of an ionic compound this means that two ions are bound together because of their opposite charges attracting each other

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as the name suggests is a solution containing ions ionic solutions are formed by dissolving ionic compounds in a solvent typically water an example of an ionic

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whenever an electrolyte breaks into a solution it disintegrates into ions the electrolytes which break into ions can only conduct electricity in molten or aqueous forms

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for ionic solutes the calculation of colligative properties must include the fact that the solutes separate into multiple particles when they dissolve the equations for calculating colligative properties of solutions of ionic solvents include the van 39 t hoff factor i

ionic strength wikipedia Oct 17 2022 ionic strength the ionic strength of a solution is a measure of the concentration of ions in that solution ionic compounds when dissolved in water dissociate into ions the total electrolyte concentration in solution will affect important properties such as the dissociation constant or the solubility of different salts

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ionic liquids and deep eutectic solvents possess unexpected and remarkable properties such as increased chemical stability increased permeability and increased solubility in comparison to their respective parent molecules

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substances whose solutions conduct electricity are called electrolytes all soluble ionic compounds are strong electrolytes they conduct very well because they provide a plentiful supply of ions in solution some polar covalent compounds are also strong electrolytes
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about all of the ions present in solution during the reaction and the molecular equation tells us about the ionic compounds that were used as the sources of Ag^+ and Cl^- . Ag^+ and Cl^- start text a g end text start superscript plus end superscript and Cl^- start text c l 5 8 ionic activity chemistry libretxts Jun 25 2023 physical theoretical chemistry map physical chemistry for the biosciences chang

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