

XI - important questions

Bleaching powder Role of lime stone Ostwald's dilution mit cell examples - 1st order rxn Coordination no. Electrophoresis Rosenmund reduction Fructose - diagram inert pair crystal field splitting energy Ionic crystals - hard & brittle Half - life period mustard oil rxn Enzymes Sugar substitutes Common ion effect factors - adsorption Fe²⁺/Fe³⁺ - stable covalent solids 1st order - egs Arrhenius - limitations Electrophoresis inter halogen interstitial cpd Arrhenius equation homogeneous catalyst Epimers	$C_2O_4^{2-}$ - Name Oxalate H_2O - aqua Cl^- - chlorido	Froth floatation Bleaching action - SO_2 uses of Helium Lanthanoid contraction Schottky defect Auto catalyst Integrated rate law - 1st order Nernst equation
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Fructose - diagram inert pair crystal field splitting energy Ionic crystals - hard & brittle Half - life period mustard oil rxn Enzymes Sugar substitutes Common ion effect factors - adsorption Fe²⁺/Fe³⁺ - stable covalent solids 1st order - egs Arrhenius - limitations Electrophoresis inter halogen interstitial cpd Arrhenius equation homogeneous catalyst Epimers	Sn/HCl C₆H₅NH₂ Zn/NH₄Cl C₆H₅NO₂ → N-phenyl hydroxylamine Zn/NH₄OH Azobenzene	Aldol Condensation - mechanism Lucas test mustard oil rxn RNA - classification Antimalarials Antioxidants

- Calculate the pH of $1.5 \times 10^{-3} M$ solution of $Ba(OH)_2$ ⁸
- Why is AC current used instead of DC in measuring electrolytic conductance ⁹
- DIB Gel and sol
- Alum purifies water
- DIB physicoorption and chemisorption ¹⁰
- Enzymes - mechanism and catalysis ¹⁰
- Lactic acid from ethanol dehydration of ethanol to ethene
- Nitro benzene to aniline
- DIB 1^o structure and 2^o structure of proteins ¹⁴
- DIB Hormones and vitamins ¹⁴
- functions of lipids ¹⁴
- Reducing and non-reducing sugars ¹⁴
- uses of Borax
- metal excess defect ⁶
- metal deficiency defect ⁶
- uses of silicones ²