

Answer on Question #79933 - Chemistry - Physical Chemistry

Question:

1.3 What is the use of hydrogen gas at 40% for 50ml of H_2SO_4 , which is recommended for hydrophilic gas, which is recommended by zodiac sulphate.

Solution:

Hydrogen is used as a hydrophilic reagent. Hydrogen will bind to water, while sulphate acid will become more pure, without water impurities. And in the laboratory and in production the use of "aqueous" sulfate acid is not acceptable, therefore, the addition of some hydrogen is used to produce "pure" acid.

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