

Marks
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Write the equation for the reaction that occurs when benzoic acid reacts with ammonia?

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Write the expression for the equilibrium constant for the reaction of benzoic acid with ammonia?

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What is the value of the equilibrium constant for the reaction of benzoic acid with ammonia?

Answer:

What are the major species in the solution that results from dissolving equimolar amounts of benzoic acid and ammonia in water?

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THE REMAINDER OF THIS PAGE IS FOR ROUGH WORKING ONLY.