

Unlabeled test tubes contain solid $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$ in one, $\text{Ba}(\text{OH})_2 \cdot 8\text{H}_2\text{O}$ in another, and $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ in the other. How could you find out what is in each test tube, using ...

An unlabeled bottle containing a solution was found in the lab. It contains one of the following: AgNO_3 , CaCl_2 , or $\text{Al}_2(\text{SO}_4)_3$. Describe how you would test the solution to determine which ...

A test tube contains a solution of one of the following salts: NaCl , NaBr , NaI . Describe a single test that can distinguish among these possibilities. ... Unlabeled test tubes contain solid AlCl_3 ...

Dissolve in water, then test for chloride with AgNO_3 (AlCl_3), barium with SO_4 ($\text{Ba}(\text{OH})_2$), and magnesium with NaOH (MgSO_4). Begin by adding water to small samples from each test tube ...

Describe how a student could distinguish between aqueous solutions of magnesium chloride, MgCl_2 , and aluminium chloride, AlCl_3 , using one simple test-tube ...

The following solid substances are in separate but unlabeled test tubes: $\text{Al}_2(\text{SO}_4)_3 \cdot 18\text{H}_2\text{O}$, $\text{BaCl}_2 \cdot 2\text{H}_2\text{O}$, KOH Unlabeled test tubes contain solid $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$ in one, ...

When this sample is dissolved in water and excess silver nitrate is added, a white solid AgCl forms. After filtration and drying, the solid silver chloride; Unlabeled test tubes contain solid ...

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FREE SOLUTION: Problem 88 Unlabeled test tubes contain solid $(\text{AlCl}_3)_n$... step by step explanations answered by teachers Vaia Original!

Three test tubes contain white crystalline organic solids A, B, and C, each of which melts at $149 - 150^\circ\text{C}$. A 50 - 50 mixture of A and B melts at $130 - 139^\circ\text{C}$ (In what range would a ...

The chemical method of analysis in determination of the blood alcohol content (%BAC) is: $2\text{K}_2\text{Cr}_2\text{O}_7 + 8\text{H}_2\text{SO}_4 + 3\text{C}_2\text{H}_5\text{OH} \rightarrow 2\text{Cr}_2(\text{SO}_4)_3 + 2\text{K}_2\text{SO}_4 + 3\text{CH}_3\text{COOH} + 11\text{H}_2\text{O}$. During a Breathalyzer Test, it was; The following ...

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The other is a solid that remains in the test tube. mass of empty test tube = 13.85 g mass of test tube and potassium chlorate = 38.85 g mass of test tube and If the pipette was wet when ...

Find step-by-step Chemistry solutions and the answer to the textbook question Unlabeled test tubes contain solid $\text{AlCl}_3 \cdot 6 \text{H}_2\text{O}$ in one, ...

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Test tubes containing hydrates like $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$, $\text{Ba}(\text{OH})_2 \cdot 8\text{H}_2\text{O}$, and $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ will all dissolve, but they will produce different ions in solution. To identify the test tube containing ...

(Check all that apply) Tube 1: 1.00 mL M: 9.00 mL L Tube 2: 2. Unlabeled test tubes contain solid $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$ in one, $\text{Ba}(\text{OH})_2 \cdot 8\text{H}_2\text{O}$ in another, and $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ in the other. How could you find out what is in each test ...

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WORKING PRINCIPLE

