

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:  $\text{AgNO}_3$ ,  $\text{CaCl}_2$ , 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:  $\text{NaCl}$ ,  $\text{NaBr}$ ,  $\text{NaI}$ . Describe a single test that can distinguish among these possibilities. ... Unlabeled test tubes contain solid  $\text{AlCl}_3$  ...

Dissolve in water, then test for chloride with  $\text{AgNO}_3$  ( $\text{AlCl}_3$ ), barium with  $\text{SO}_4$  ( $\text{Ba}(\text{OH})_2$ ), and magnesium with  $\text{NaOH}$  ( $\text{MgSO}_4$ ). Begin by adding water to small samples from each test tube ...

Describe how a student could distinguish between aqueous solutions of magnesium chloride,  $\text{MgCl}_2$ , and aluminium chloride,  $\text{AlCl}_3$ , using one simple test-tube ...

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

