Assignment 12

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Based on the given statement, answer the following questions:

1) What is the mass of the crystals (CuSO₄·5H₂O) produced when 5% of water is lost by evaporation during cooling? (Unit: kg)

2) What is the mass of the mother liquor produced when 5% of water is lost by evaporation during cooling? (Unit: kg)

3) What is the mass of the crystals (CuSO₄·5H₂O) produced when there is no loss of water? (Unit: kg)

4) What is the mass of mother liquor produced when there is no loss of water? (Unit: kg)

5) Formation of tiny new crystals in a supersaturated solution is called

A) Crystallization
B) Osmosis
C) Nucleation
D) Airtight

6) All crystals of a definite substance

A) Have the same interfacial angles
B) Have the same sizes of the faces
C) Have the same sizes of the faces as well as the same interfacial angles
D) Do not have the same interfacial angles

7) Seeding process is used in industries for controlling

A) Product size
B) Rate of product
C) Product quality
D) Product quantity

8) The solution of impure compound and solvent is concentrated to get

A) Unabsorbed solution
B) Undissolved solution
C) Dissolved solution
D) Over saturated solution

9) The solution of impure compound and solvent is concentrated to get

A) Unabsorbed solution
B) Undissolved solution
C) Dissolved solution
D) Over saturated solution

No, the answer is incorrect.
Score: 0
Accepted Answers:
[Type Numbers] 888, 8

Hint

No, the answer is incorrect.
Score: 0
Accepted Answers:
[Type Numbers] 999, 8

Hint

No, the answer is incorrect.
Score: 0
Accepted Answers:
[Type Numbers] 899, 8

Hint

No, the answer is incorrect.
Score: 0
Accepted Answers:
[Type Numbers] 888, 8

Hint