

PERCENTAGE MASS OF AN ELEMENT IN A COMPOUND CALCULATION

Calculate the percentage mass of the asked elements in the given compounds using the formula.

$$\text{Percentage mass of an element in a compound} = \frac{A_r \times \text{number of atoms of that element}}{M_r \text{ of the compound}} \times 100$$

Compound	Element	Percentage
Na ₃ PO ₄	Na	
C ₆ H ₁₂ O ₆	C	
K ₂ CO ₃	K	
NH ₃	N	
Al ₂ (SO ₄) ₃	Al	
Al ₂ (SO ₄) ₃	S	
CuSO ₄	Cu	
(NH ₄) ₂ SO ₄	N	
NaCl	Cl	
LiOH	Li	

Total marks (10)