

Answer on Question #50204 - Chemistry – Other

Question

determining molar mass $\text{Pb}(\text{NO}_3)_2$

Answer:

Molar mass of $\text{Pb}(\text{NO}_3)_2$ equals:

$$M(\text{Pb}(\text{NO}_3)_2) = M(\text{Pb}) + 2(M(\text{N}) + 3M(\text{O})) = 207.2 + 2(14.0 + 3 \cdot 16.0) = 331.2 \text{ g/mole}$$

Answer: 331.2 g/mole

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