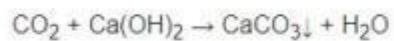


ĐÁP ÁN BÀI 2 TRANG 132 SGK HÓA HỌC LỚP 12

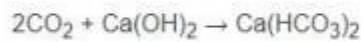
$$n_{\text{CO}_2} = 6,72 : 22,4 = 0,3 \text{ (mol)}$$

$$\text{Ta có: } k = \frac{n_{\text{CO}_2}}{n_{\text{Ca(OH)}_2}} = \frac{0,3}{0,25} = 1,2$$

$\Rightarrow 1 < k < 2 \Rightarrow$ Tạo 2 muối



$$x \quad x \quad x \text{ (mol)}$$



$$y \quad y \quad y \text{ (mol)}$$

$$\begin{cases} n_{\text{Ca(OH)}_2} = x + y \\ n_{\text{CO}_2} = x + 2y \end{cases} \Rightarrow \begin{cases} x = 0,2 \\ y = 0,05 \end{cases}$$

$$\Rightarrow m_{\text{CaCO}_3} = 0,2 \cdot 100 = 20 \text{ (gam)}$$

Đáp án C