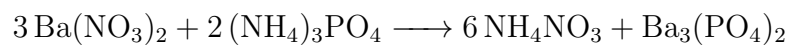


# Quiz Chapter 4 – Question One

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$$29.5[\text{mL}] = .0295[\text{L}]$$

$$.631 \cdot .0295 = .0186[\text{mol}_{(\text{NH}_4)_3\text{PO}_4}] \rightarrow .0279[\text{mol}_{\text{Ba}(\text{NO}_3)_2}] \quad (1)$$

$$\frac{.0279}{.773} = .0361[\text{L}_{\text{Ba}(\text{NO}_3)_2}]$$