



















The reaction NaHCO $_3(s)$ + H $_3$ O+(aq) \rightarrow CO $_2(g)$ + Na+(aq) + 2 H $_2$ O(l) is endothermic, q > 0 (solution/surroundings cool). How will U_f change depending on whether the reaction is run in a sealed flask (constant V) or an open flask (constant P)?

33% 1. U_f change will not change 33% 2. U_f change will change depending on work W 33% 3. Cannot know without further information

[Quiz] The reaction NaHCO₃(s) + H₃O⁺(aq) \rightarrow CO₂(g) + Na⁺(aq) + 2 H₂O(l) is endothermic, q > 0 (solution/surroundings cool). How will ΔU change depending on whether the reaction is run in a sealed flask (constant V) or an open flask (constant P)?

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