9 The data shown are needed for this question.

$\Delta H_f^{\ominus}(P_4O_{10}(s)) = -3012\,kJ\,mol^{-1}$

$\Delta H_f^{\ominus}(H_2O(l)) = -286\,kJ\,mol^{-1}$

$\Delta H_f^{\ominus}(H_3PO_4(s)) = -1279\,kJ\,mol^{-1}$

What is $\Delta H^{\ominus}$ for the reaction shown?

$$P_4O_{10}(s) + 6H_2O(l) \rightarrow 4H_3PO_4(s)$$

A $-9844\,kJ\,mol^{-1}$

B $-388\,kJ\,mol^{-1}$

C $-97\,kJ\,mol^{-1}$

D $+2019\,kJ\,mol^{-1}$