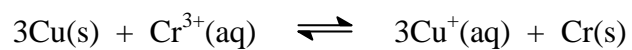


- Calculate  $\Delta G^\circ$  for the following reaction:



**Marks**  
**3**

Answer:

Is the reaction spontaneous under standard conditions? Give a reason for your answer.

**THE REMAINDER OF THIS PAGE IS FOR ROUGH WORKING ONLY.**