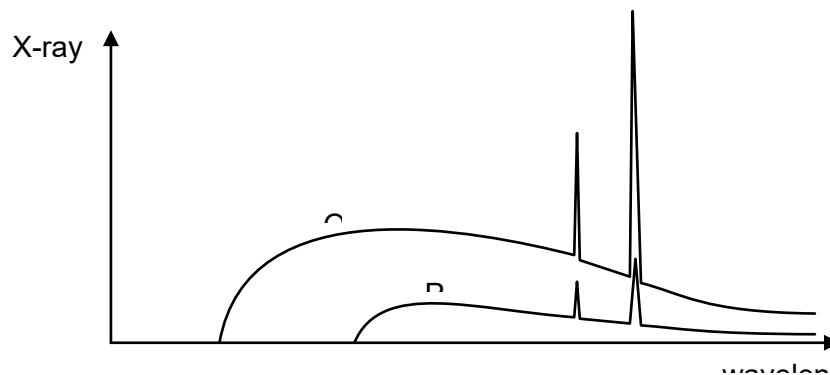


- 30** In the figure below, graph P shows an X-ray spectrum from an X-ray tube.



What are the possible changes that can be made to obtain graph Q?

- A** Increase the potential difference between the cathode and target.
- B** Reduce the distance between the cathode and the target.
- C** Increase the filament current of the cathode.
- D** Change the target metal.

**[End of Paper**