

Q1.

Which element forms an ionic oxide that reacts with strong alkalis?

- A Aluminium
- B Magnesium
- C Sodium
- D Sulfur

(Total 1 mark)**Q2.**

Which is the formula of the main aluminium-containing species present when aluminium oxide is added to an excess of water?

- A $[\text{Al}(\text{H}_2\text{O})_6]^{3+}(\text{aq})$
- B $\text{Al}(\text{H}_2\text{O})_3(\text{OH})_3(\text{s})$
- C $[\text{Al}(\text{H}_2\text{O})_2(\text{OH})_4]^{-}(\text{aq})$
- D $\text{Al}_2\text{O}_3(\text{s})$

(Total 1 mark)