• Copper is an essential element in human biology, deficiencies leading to blood disorders. Excess copper can occur in cases of poisoning or in Wilson’s disease. Draw a graph showing the relationship between overall health and the level of copper in the body and identify the ‘healthy’ range.

![Graph showing the relationship between overall health and copper concentration.]

Describe one biological function of copper.

**Copper enzymes are involved in electron transport systems due to the ability of copper to change its oxidation state.**

**In some organisms, copper enzymes are involved in oxygen transport.**

Suggest one approach for treating an excess level of copper.

**Treatment with a complexing agent such as EDTA leads to the formation of stable water-soluble complex that can be excreted from the body.**