

18/MHS06/052

MLS

BCH 204

Answers

A. Potassium

Toxicity value: 6 mmol/L and above

Deficiency manifestation: Fatigue, muscle cramps, tingles and numbness, heart palpitations, breathing difficulties and digestive symptoms

B. Calcium

Toxicity value: 2.63 mmol/L

Deficiency manifestation: dental changes, cataracts, alteration in the brain, and osteoporosis

C. Magnesium

Toxicity value: 2.61 mmol/L and above

Deficiency manifestation: hypotension, vomiting, nausea, facial flushing, depression and lethargy

D. Chloride

Toxicity value: 4 mg/L

Deficiency manifestation: Dehydration, fluid loss, diarrhea

E. Iron

Toxicity value: above 350-500  $\mu\text{g/dL}$

Deficiency manifestation; Extreme fatigue, weakness and pale skin