

Re: Assay of flouride levels in drinking water

To the Editor: With great interest we read the article about fluoride levels in drinking water in the central province of Saudi Arabia.¹ In this study, the fluoride concentration was measured by the atomic absorption spectrophotometry method. There are some standard methods for assay of fluoride in the scientific literature, which include: 1) ion-selective electrode, 2) colorimetry, 3) complexone, 4) ion chromatography, and 5) electrometry.^{2,3}

Atomic absorption spectrophotometry is usually used for assay of cationic metal ions such as potassium, iron, lead, etc.³ Atomic absorption spectrophotometry is a questionable method for assay of fluoride concentration in drinking water and has not been documented.

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