

Erratum

Erratum to “Ion chromatographic determination of calcium and magnesium cations in human saliva and urine with a piezoelectric detector”

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The publisher regrets that during the typesetting of the above-mentioned article an error was introduced and the incorrect abstract and keywords were published. Please see below for the correct abstract and keywords.

Abstract: In this present paper, simultaneous determination of Ca^{2+} and Mg^{2+} cations in saliva, urine was achieved using an ion chromatography method, in which a piezoelectric quartz crystal (PQC) sensor was used as a detector, and a solution containing tartaric acid (4 mmol l^{-1}) and ethylenediamine (2 mmol l^{-1}) as a mobile phase. Good linearities were obtained over the ranges of $0.8\text{--}500 \text{ mg l}^{-1} \text{ Ca}^{2+}$ and $1.0\text{--}500 \text{ mg l}^{-1} \text{ Mg}^{2+}$. The detection limits were 0.4 mg l^{-1} for Ca and 0.2 mg l^{-1} for Mg, respectively.

Keywords: Calcium, Magnesium, Ion chromatography, Piezoelectric quartz crystal (PQC), Saliva, Urine.

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