Accepted Manuscript

Determination of ^{226}Ra at low levels in environmental, urine, and human bone samples and ^{223}Ra in bone biopsy using alpha-spectrometry and metrological traceability to ^{229}Th/^{225}Ra or ^{226}Ra

Marietta Straub, Pierre-André Pittet, Gaël Amzalag, François Bochud, Sébastien Baechler, Pascal Froidevaux

PII: S0003-2670(18)30578-6

DOI: 10.1016/j.aca.2018.05.007

Reference: ACA 235943

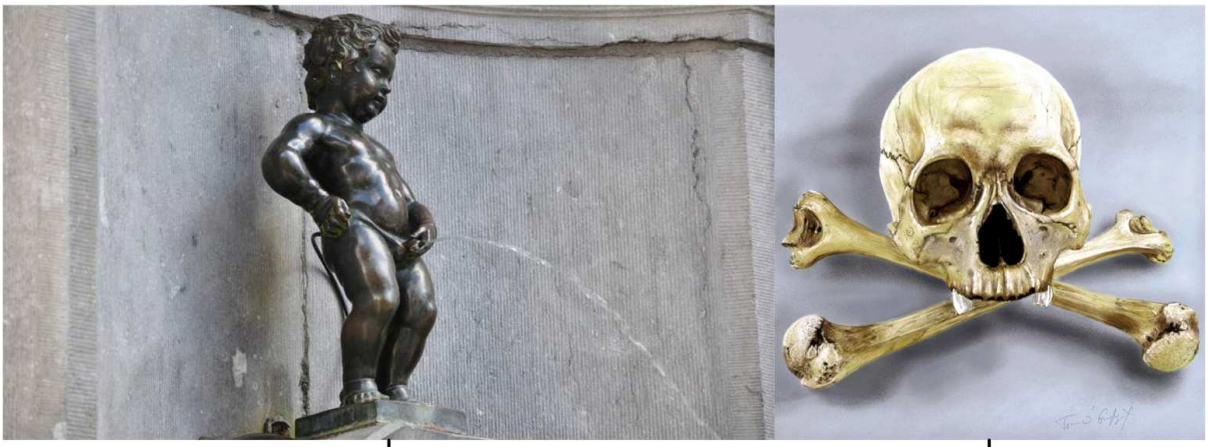
To appear in: *Analytica Chimica Acta*

Received Date: 22 March 2018

Revised Date: 30 April 2018

Accepted Date: 2 May 2018

Please cite this article as: M. Straub, P.-A. Pittet, G. Amzalag, F. Bochud, S. Baechler, P. Froidevaux, Determination of ^{226}Ra at low levels in environmental, urine, and human bone samples and ^{223}Ra in bone biopsy using alpha-spectrometry and metrological traceability to ^{229}Th/^{225}Ra or ^{226}Ra, *Analytica Chimica Acta* (2018), doi: 10.1016/j.aca.2018.05.007.



Chemical separation

Plating

Alpha-spectrometry