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Title: Analytical assessment about the simultaneous quantification of releasable pharmaceutical relevant inorganic nanoparticles in tap water and domestic waste water

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PII: S0731-7085(14)00199-X
DOI: <http://dx.doi.org/doi:10.1016/j.jpba.2014.04.008>
Reference: PBA 9534

To appear in: *Journal of Pharmaceutical and Biomedical Analysis*

Received date: 17-2-2014
Revised date: 2-4-2014
Accepted date: 5-4-2014

Please cite this article as: P. Krystek, P.S. Bäuerlein, P.J.F. Kooij, Analytical assessment about the simultaneous quantification of releasable pharmaceutical relevant inorganic nanoparticles in tap water and domestic waste water, *Journal of Pharmaceutical and Biomedical Analysis* (2014), <http://dx.doi.org/10.1016/j.jpba.2014.04.008>

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1 **Highlights**

- 2 - Validation assessment of releasable pharmaceutical relevant inorganic nanoparticles
- 3 - Most relevant aqueous matrices of tap water and domestic waste water
- 4 - Matrix effects: Instability of 60 nm and 70 nm silver with different capping's
- 5 - Asymmetric flow field flow fraction - inductively coupled plasma mass spectrometry
- 6 - Tool provides toxicological and environmental insights
- 7
- 8

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