

Accepted Manuscript

Title: Highly selective and quantitative colorimetric detection of mercury(II) ions by carrageenan-functionalized Ag/AgCl nanoparticles

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PII: S0144-8617(16)31431-X
DOI: <http://dx.doi.org/doi:10.1016/j.carbpol.2016.12.055>
Reference: CARP 11862

To appear in:

Received date: 4-10-2016
Revised date: 21-12-2016
Accepted date: 21-12-2016

Please cite this article as: Narayanan, Kannan Badri., & Han, Sung Soo., Highly selective and quantitative colorimetric detection of mercury(II) ions by carrageenan-functionalized Ag/AgCl nanoparticles. *Carbohydrate Polymers* <http://dx.doi.org/10.1016/j.carbpol.2016.12.055>

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Highly selective and quantitative colorimetric detection of mercury(II) ions by carrageenan-functionalized Ag/AgCl nanoparticles

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