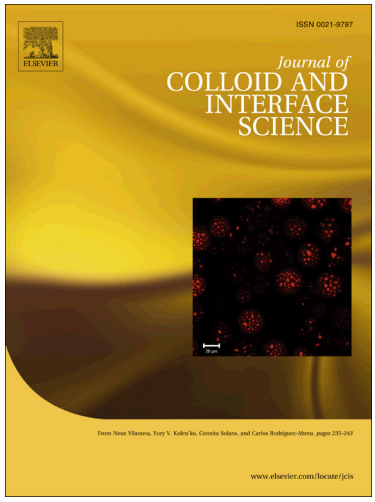

Graphene oxide/alginate beads as adsorbents: Influence of the load and the drying method on their physicochemical-mechanical properties and adsorptive performance

Emiliano Platero, Maria Emilia Fernandez, Pablo Ricardo Bonelli, Ana Lea Cukierman

PII: S0021-9797(16)31007-4
DOI: http://dx.doi.org/10.1016/j.jcis.2016.12.014
Reference: YJCIS 21848

To appear in: *Journal of Colloid and Interface Science*

Received Date: 27 September 2016
Revised Date: 7 December 2016
Accepted Date: 9 December 2016

Please cite this article as: E. Platero, M.E. Fernandez, P.R. Bonelli, A.L. Cukierman, Graphene oxide/alginate beads as adsorbents: Influence of the load and the drying method on their physicochemical-mechanical properties and adsorptive performance, *Journal of Colloid and Interface Science* (2016), doi: http://dx.doi.org/10.1016/j.jcis.2016.12.014

Graphene oxide/alginate beads as adsorbents: Influence of the load and the drying method on their physicochemical-mechanical properties and adsorptive performance

Emiliano Platero[a], Maria Emilia Fernandez[a,b], Pablo Ricardo Bonelli[a,b], Ana Lea Cukierman[a,b,c*]

[a] *Universidad de Buenos Aires, Facultad de Ciencias Exactas y Naturales, Departamento de Industrias, Programa de Investigación y Desarrollo de Fuentes Alternativas de Materias Primas y Energía−PINMATE, Intendente Güiraldes 2620, Ciudad Universitaria, (C1428BGA) Buenos Aires, Argentina.*

[b] *Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), Godoy Cruz 2290 (C1425FQB), Buenos Aires, Argentina.*

[c] *Universidad de Buenos Aires, Facultad de Farmacia y Bioquímica, Departamento de Tecnología Farmacéutica, Cátedra de Farmacotecnia II, Junín 956, (C1113AAD) Buenos Aires, Argentina.*

[*] Corresponding author. Tel: 54-11-45763383. Fax: 54-11-45763366

E-mail address: analea@di.fcen.uba.ar