

SUPPORTING INFORMATION

SYNTHESIS, CHARACTERIZATION AND USE OF ENZYME CASHEW GUM NANOPARTICLES FOR BIOSENSING APPLICATIONS

Adriany das Graças Nascimento Amorim^{a,1}, Marta Sánchez-Paniagua^{b,1}, Taiane Maria de
Oliveira^a, Ana Carolina Mafud^c, Durcilene Alves Da Silva^a, José Roberto de Souza de
Almeida Leite^d, Beatriz López-Ruiz^b

^a*Biodiversity and Biotechnology Research Center, Federal University of Piauí, 64202-020,
Parnaíba-PI, Brazil.*

^b *Chemistry in Pharmaceuticals Sciences Department, Faculty of Pharmacy, Complutense
University of Madrid, Ciudad Universitaria, 28240, Madrid, Spain.*

^c*São Carlos Institute of Physics, University of São Paulo, USP, São Carlos, 13565-905, São
Paulo, Brazil.*

^d*Morphology Area, Faculty of Medicine, University of Brasília (UnB), Campus Darcy
Ribeiro, Asa Norte, Brasília-DF, 70910-900, Brazil.*

* Corresponding Author: Prof. Dra. Beatriz López Ruiz, PhD. Departamento de Química en
Ciencias Farmacéuticas, Facultad de Farmacia, Universidad Complutense de Madrid, Ciudad
Universitaria, 28240, Madrid, Spain. e-mail: bealopru@ucm.es

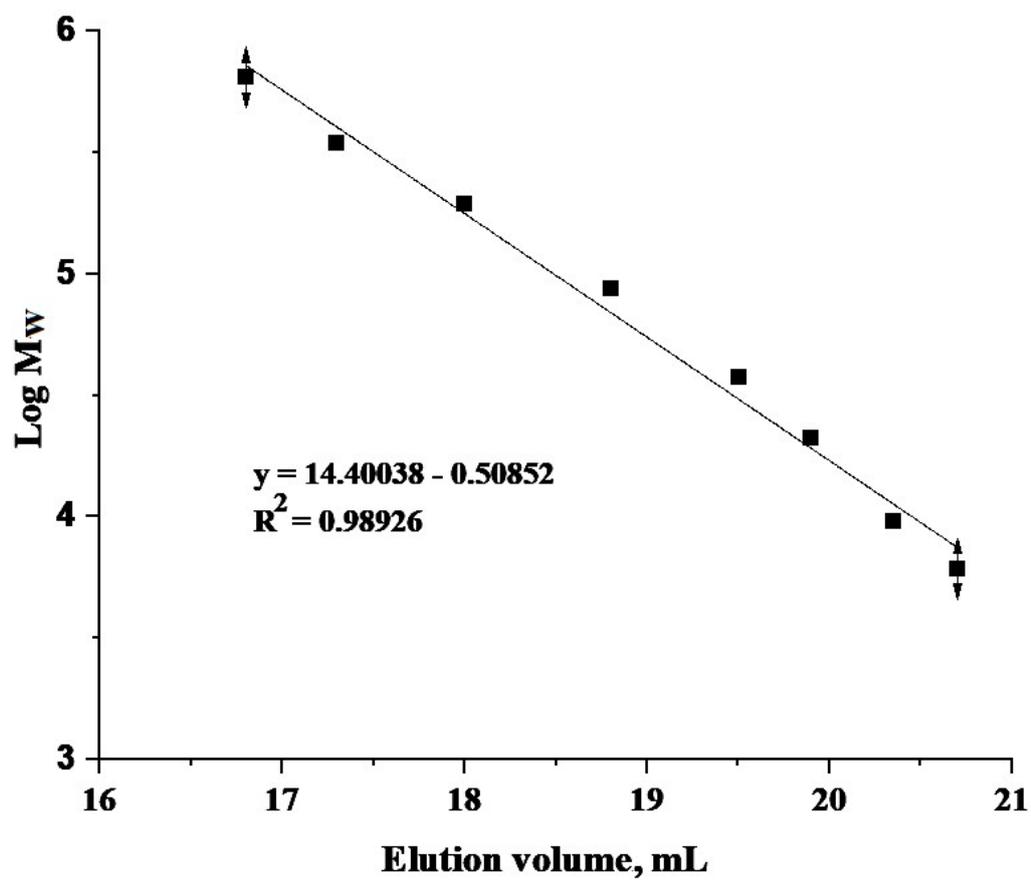


Figure S1. Calibration curve for molecular mass determination using gel permeation chromatography.

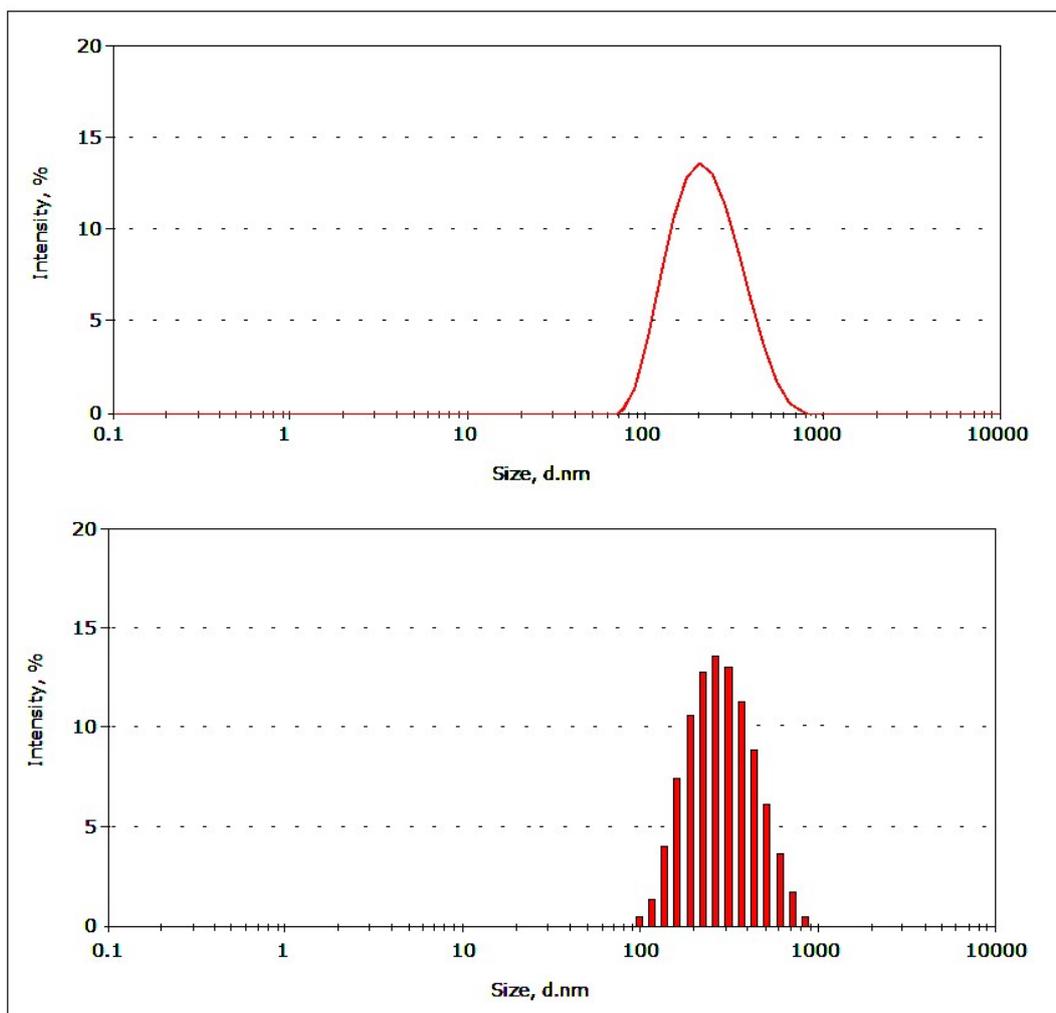


Figure S2. Particle size distribution of LacCG-NPs (10:5 ratio) by DLS suspended in PBS 0.1M pH 7.0.

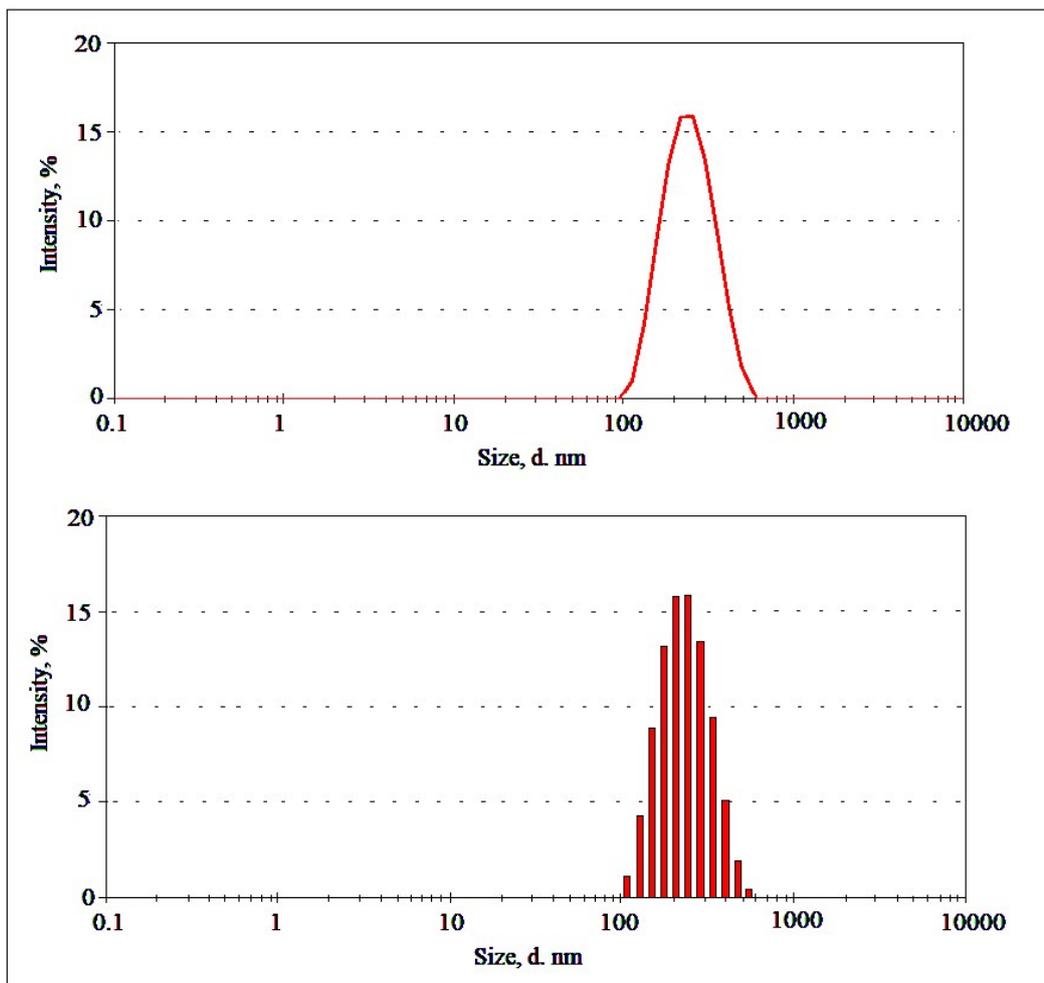


Figure S3. Particle size distribution of CG-NPs by DLS suspended in PBS 0.1M pH 7.0.

