

Accepted Manuscript

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PII: S0141-8130(18)33116-7

DOI: doi:[10.1016/j.ijbiomac.2018.07.119](https://doi.org/10.1016/j.ijbiomac.2018.07.119)

Reference: BIOMAC 10163

To appear in: *International Journal of Biological Macromolecules*

Received date: 23 June 2018

Revised date: 18 July 2018

Accepted date: 19 July 2018

Please cite this article as: Maycon Carvalho Ribeiro, Viviane Lopes Rocha Corrêa, Francenya Kelley Lopes da Silva, Jerônimo Raimundo de Oliveira Neto, Ariádine Amorim Casas, Liliana Borges de Menezes, André Corrêa Amaral , Improving peptide quantification in chitosan nanoparticles. Biomac (2018), doi:[10.1016/j.ijbiomac.2018.07.119](https://doi.org/10.1016/j.ijbiomac.2018.07.119)

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Abstract

The objective of the present study was to evaluate different methodologies for peptide quantification in the supernatant of chitosan nanoparticles by removing the unlinked polymer in the suspension. The ionic gelation method was used to prepare the chitosan nanoparticles encapsulating a 5.3 kDa peptide. Three different methodologies for the processment of the solutions were compared before subjecting the samples to the Bradford protocol or Qubit[®] kit for protein detection. For the quantification, it was necessary to create a standard peptide

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