Accepted Manuscript

Process monitoring and evaluation of a continuous pharmaceutical twin-screw granulation and drying process using multivariate data analysis

A.F. Silva, J. Vercruysse, C. Vervaet, J.P. Remon, J.A. Lopes, T. De Beer, M.C. Sarraguça

PII:	\$0939-6411(17)31286-9
DOI:	https://doi.org/10.1016/j.ejpb.2018.04.011
Reference:	EJPB 12741
To appear in:	European Journal of Pharmaceutics and Biophar- maceutics
Received Date:	8 November 2017
Revised Date:	19 February 2018
Accepted Date:	14 April 2018



Please cite this article as: A.F. Silva, J. Vercruysse, C. Vervaet, J.P. Remon, J.A. Lopes, T. De Beer, M.C. Sarraguça, Process monitoring and evaluation of a continuous pharmaceutical twin-screw granulation and drying process using multivariate data analysis, *European Journal of Pharmaceutics and Biopharmaceutics* (2018), doi: https://doi.org/10.1016/j.ejpb.2018.04.011

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Process monitoring and evaluation of a continuous pharmaceutical twin-

screw granulation and drying process using multivariate data analysis

Authors: Silva AF(a,b)*, Vercruysse J(c)*, Vervaet C(c), Remon(c) JP, Lopes JA(d), De Beer T(a), Sarraguça MC(b)

(a) Laboratory of Pharmaceutical Process Analytical Technology, Ghent University, Ghent, Belgium

(b) LAQV/REQUIMTE, Departamento de Ciências Químicas, Faculdade de Farmácia, Universidade do Porto, Rua Jorge Viterbo Ferreira, 228, 4050-313 Porto, Portugal

(c) Laboratory of Pharmaceutical Technology, Ghent University, Ghent, Belgium

(d) Research Institute for Medicines (iMed.Lisboa), Faculdade de Farmácia, Universidade de Lisboa, Av. Prof. Gama Pinto, 1649-003 Lisboa, Portugal

*These authors equally contributed to this work.

Corresponding author:

Prof. Dr. Thomas De Beer

Laboratory of Pharmaceutical Process Analytical Technology Ottergemsesteenweg 460 9000 Gent Belgium Tel.: +32-9-264.80.97 Fax: +32-9-264.81.96 E-mail: Thomas.DeBeer@UGent.be

Keywords: batch monitoring; in-process monitoring; continuous manufacturing; time dependency;

Download English Version:

https://daneshyari.com/en/article/8411753

Download Persian Version:

https://daneshyari.com/article/8411753

Daneshyari.com