# **Accepted Manuscript**

Development of Maltodextrin Based Immediate Release Tablets using an Integrated Twin-Screw Hot Melt Extrusion and Injection Molding Continuous Manufacturing Process

Vibha Puri, Dave Brancazio, Parind M. Desai, Keith D. Jensen, Jung-Hoon Chun, Allan S. Myerson, Bernhardt L. Trout

PII: S0022-3549(17)30490-2

DOI: 10.1016/j.xphs.2017.06.020

Reference: XPHS 863

To appear in: Journal of Pharmaceutical Sciences

Received Date: 25 February 2017

Revised Date: 31 May 2017 Accepted Date: 19 June 2017

Please cite this article as: Puri V, Brancazio D, Desai PM, Jensen KD, Chun JH, Myerson AS, Trout BL, Development of Maltodextrin Based Immediate Release Tablets using an Integrated Twin-Screw Hot Melt Extrusion and Injection Molding Continuous Manufacturing Process, *Journal of Pharmaceutical Sciences* (2017), doi: 10.1016/j.xphs.2017.06.020.

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

#### Title:

Development of Maltodextrin Based Immediate Release Tablets using an Integrated Twin-Screw Hot Melt Extrusion and Injection Molding Continuous Manufacturing Process

#### **Authors:**

Vibha Puri<sup>1,2</sup>, Dave Brancazio<sup>2</sup>, Parind M. Desai<sup>2</sup>, Keith D. Jensen<sup>2</sup>, Jung-Hoon Chun<sup>3</sup>, Allan S. Myerson<sup>2</sup>, Bernhardt L. Trout<sup>2,a</sup>

#### Affiliations:

<sup>1</sup> Current address: Genentech, Inc., 1 DNA Way, South San Francisco, 94080, CA, USA

<sup>2</sup> Novartis-MIT Center of Continuous Manufacturing, Department of Chemical Engineering, Massachusetts Institute of Technology, Cambridge, USA

<sup>3</sup> Department of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, USA

This article contains supplementary material available from the authors by request or via the Internet.

## <sup>a</sup> CORRESPONDING AUTHOR

Mailing address:

Prof. Bernhardt L. Trout

Department of Chemical Engineering

Massachusetts Institute of Technology

77 Massachusetts Avenue, Cambridge, MA 02139

Tel: (617) 258-5021; Fax: (617) 253-2272

E-mail: trout@mit.edu

## Download English Version:

# https://daneshyari.com/en/article/8513765

Download Persian Version:

https://daneshyari.com/article/8513765

<u>Daneshyari.com</u>