

## Accepted Manuscript

Formulation Characteristics and In Vitro Release Testing of Cyclosporine Ophthalmic Ointments

Yixuan Dong, Haiou Qu, Naresh Pavurala, Jiang Wang, Vasanthakumar Sekar, Marilyn Martinez, Raafat Fahmy, Muhammad Ashraf, Celia N. Cruz, Xiaoming Xu

PII: S0378-5173(18)30264-3  
DOI: <https://doi.org/10.1016/j.ijpharm.2018.04.042>  
Reference: IJP 17449

To appear in: *International Journal of Pharmaceutics*

Received Date: 18 March 2018  
Revised Date: 18 April 2018  
Accepted Date: 19 April 2018

Please cite this article as: Y. Dong, H. Qu, N. Pavurala, J. Wang, V. Sekar, M. Martinez, R. Fahmy, M. Ashraf, C.N. Cruz, X. Xu, Formulation Characteristics and In Vitro Release Testing of Cyclosporine Ophthalmic Ointments, *International Journal of Pharmaceutics* (2018), doi: <https://doi.org/10.1016/j.ijpharm.2018.04.042>

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.



## **Formulation Characteristics and In Vitro Release Testing of Cyclosporine Ophthalmic Ointments**

Yixuan Dong<sup>1</sup>, Haiou Qu<sup>1</sup>, Naresh Pavurala<sup>1</sup>, Jiang Wang<sup>1</sup>, Vasanthakumar Sekar<sup>1</sup>, Marilyn Martinez<sup>2</sup>, Raafat Fahmy<sup>2</sup>, Muhammad Ashraf<sup>1</sup>, Celia N. Cruz<sup>1</sup> and Xiaoming Xu\*<sup>1</sup>

1. Office of Testing and Research, Office of Pharmaceutical Quality, Center for Drug Evaluation and Research, U.S. Food and Drug Administration, Silver Spring, MD 20993, USA

2. Office of New Animal Drug Evaluation, Center for Veterinary Medicine, Office of Foods and Veterinary Medicine, U.S. Food and Drug Administration, Silver Spring, MD 20993, USA

\*(X.X) Email: Xiaoming.Xu@fda.hhs.gov Phone: 301-796-5035

### **Disclaimer**

This article reflects the views of the authors and should not be construed to represent FDA's views or policies.

Download English Version:

<https://daneshyari.com/en/article/8519874>

Download Persian Version:

<https://daneshyari.com/article/8519874>

[Daneshyari.com](https://daneshyari.com)