Accepted Manuscript

Review

Polysorbate degradation in biotherapeutic formulations: Identification and discussion of current root causes

Mridula Dwivedi, Michaela Blech, Ingo Presser, Patrick Garidel

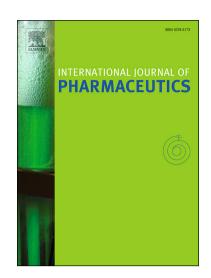
PII: S0378-5173(18)30743-9

DOI: https://doi.org/10.1016/j.ijpharm.2018.10.008

Reference: IJP 17826

To appear in: International Journal of Pharmaceutics

Received Date: 8 July 2018
Revised Date: 2 October 2018
Accepted Date: 4 October 2018



Please cite this article as: M. Dwivedi, M. Blech, I. Presser, P. Garidel, Polysorbate degradation in biotherapeutic formulations: Identification and discussion of current root causes, *International Journal of Pharmaceutics* (2018), doi: https://doi.org/10.1016/j.ijpharm.2018.10.008

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

Polysorbate degradation in biotherapeutic formulations: Identification and discussion of current root causes

Mridula Dwivedi, Michaela Blech, Ingo Presser, Patrick Garidel*

Boehringer Ingelheim Pharma GmbH & Co. KG, Innovation Unit, PDB, Birkendorfer Strasse 65, 88397, Biberach an der Riss, Germany

Corresponding Author

*Patrick Garidel (Dr. rer. nat.), Innovation Unit, PDB, Birkendorfer Strasse 65, 88397, Biberach an der Riss, Germany, E-mail: Patrick.Garidel@boehringer-ingelheim.com

Key Words: Biotherapeutic formulations; Polysorbate; Tween[®]; Particles; oxidative and enzymatic degradation.

Download English Version:

https://daneshyari.com/en/article/11263318

Download Persian Version:

https://daneshyari.com/article/11263318

<u>Daneshyari.com</u>