Accepted Manuscript

Correlating the effects of antimicrobial preservatives on conformational stability, aggregation propensity, and backbone flexibility of an IgG1 monoclonal antibody

Jayant Arora, Sangeeta B. Joshi, C. Russell Middaugh, David D. Weis, David B. Volkin

PII: S0022-3549(17)30079-5

DOI: 10.1016/j.xphs.2017.02.007

Reference: XPHS 649

To appear in: Journal of Pharmaceutical Sciences

Received Date: 14 November 2016

Revised Date: 2 February 2017 Accepted Date: 6 February 2017

Please cite this article as: Arora J, Joshi SB, Middaugh CR, Weis DD, Volkin DB, Correlating the effects of antimicrobial preservatives on conformational stability, aggregation propensity, and backbone flexibility of an IgG1 monoclonal antibody, *Journal of Pharmaceutical Sciences* (2017), doi: 10.1016/j.xphs.2017.02.007.

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

Correlating the effects of antimicrobial preservatives on conformational stability, aggregation propensity, and backbone flexibility of an IgG1 monoclonal antibody

Jayant Arora^{1,2}, Sangeeta B. Joshi^{1,2}, C. Russell Middaugh^{1,2}, David D. Weis^{1,3,*}, David B. Volkin^{1,2,*}

¹Department of Pharmaceutical Chemistry, University of Kansas, Lawrence, Kansas, USA, 66047

²Macromolecule and Vaccine Stabilization Center, University of Kansas, Lawrence, Kansas, USA, 66047

³Department of Chemistry and R.N. Adams Institute of Bioanalytical Chemistry, University of Kansas, Lawrence, Kansas, USA, 66045

* Correspondence to Authors

David D. Weis: email, dweis@ku.edu; phone, (785) 864-1377

David B. Volkin: email, volkin@ku.edu; phone, (785) 864-6262

Download English Version:

https://daneshyari.com/en/article/8514181

Download Persian Version:

https://daneshyari.com/article/8514181

<u>Daneshyari.com</u>