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Authors: Eman M. Moenes, Medhat A. Al-Ghobashy, Abeer A. Mohamed, Maissa Y. Salem

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Comparative Assessment of the Effect of Glyco-engineering on the Pattern and Kinetics of Aggregate Formation of Darbepoetin Alfa using a Stability-Indicating Orthogonal Testing Protocol

Eman M. Moenes^a, Medhat A. Al-Ghobashy^{b,c*}, Abeer A. Mohamed^a and Maissa Y. Salem^b

^a National Organization for Research and Control of Biologicals, Egypt

^b Analytical Chemistry Department, Faculty of Pharmacy, Cairo University, Egypt

^c Bioanalysis Research Group, School of Pharmacy, New Giza University, Egypt

*Corresponding author at:

Analytical Chemistry Department, Faculty of Pharmacy, Cairo University, Cairo 11562, Egypt.

E-mail address: medhat.alghobashy@cu.edu.eg (M. A. Al-Ghobashy)

Highlights

- Effects of hyper-glycosylation on stability of erythropoietin was investigated.
- Stress-induced degradation of Erythropoietin alfa and Darbepoetin alfa was performed.
- Stability-indicating orthogonal stability-indicating protocol was developed and validated.
- Darbepoetin alfa showed high stability under the studied stress conditions.

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