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## Assessing Process Hold Times for Microbial Risks: Bioburden and Endotoxin

By **Tim Sandle** Sep 30, 2015 11:30 pm PDT



**Salmonella**

This paper has discusses the implications of the process hold times on microbial growth during pharmaceutical manufacturing. Microbiological risk exists -- especially with biological products. If microbial contamination occurs where microorganisms enter a product in sufficient numbers and if the process hold time is long enough, the process hold time may be problematic.

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**Source URL:** <http://www.ivtnetwork.com/article/assessing-process-hold-times-microbial-risks-bioburden-and-endotoxin>