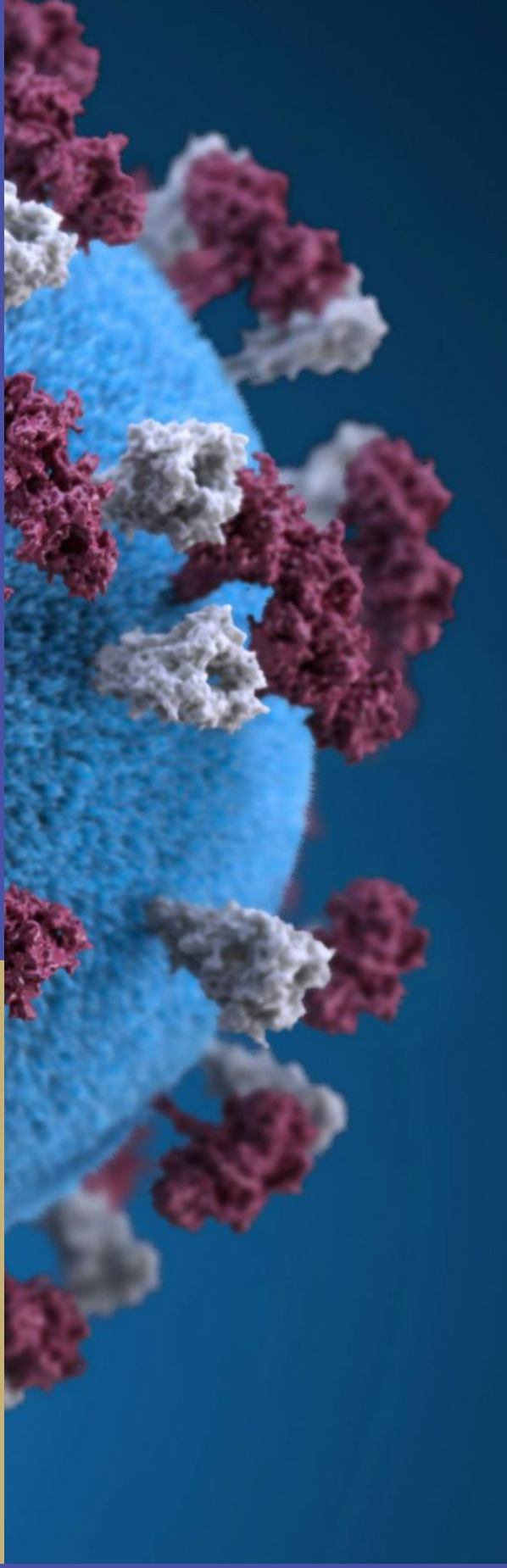
RheaVita

RheaLyo™ Use Case: Virus

Learn how you can freeze-dry your attenuated viruses and ensure thermostability at higher temperatures.



YOUR FORMULATION DESERVES THE BEST

- **Fast**
  Freeze-drying in a few hours
- **Long-term stability at 37°C**
  Viral infectivity retained
- **Guaranteed quality**
  RheaLyo PAT at single vial level
- **Continuous**
  The only commercial continuous Lyo technology

Your formulation deserves the best

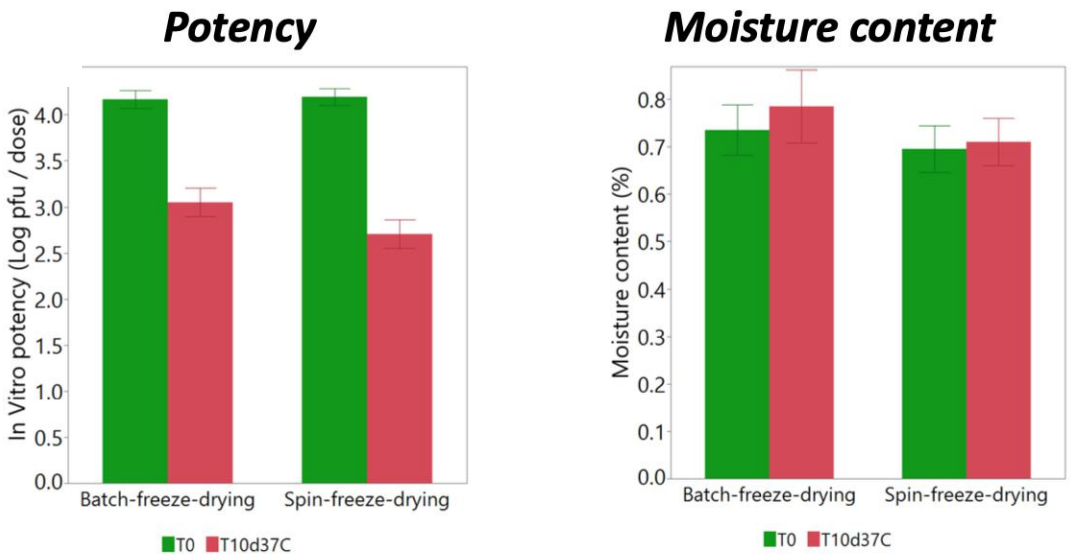
rheavita.com

RheaLyo Use Case Virus

Key results

The huge reduction in freeze-drying time (3 hours as opposed to 47 hours in the traditional batch procedure) is a striking benefit of continuous spin-freeze-drying. Furthermore, the comparable viral infectivity of spin- and batch-lyophilizates at T0 and following temperature stressing demonstrates that continuous spin-freeze-drying is a reliable alternative to the traditional batch freeze-drying process to preserve the long-term stability of viral vaccines.

Reference: CESPE poster (2023) - Collaboration Ghent University & GSK



Comparable viral infectivity and residual moisture for spin- and batch-lyophilizates at T0 and after temperature stressing for ten days at 37°C.

CONTACT

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