



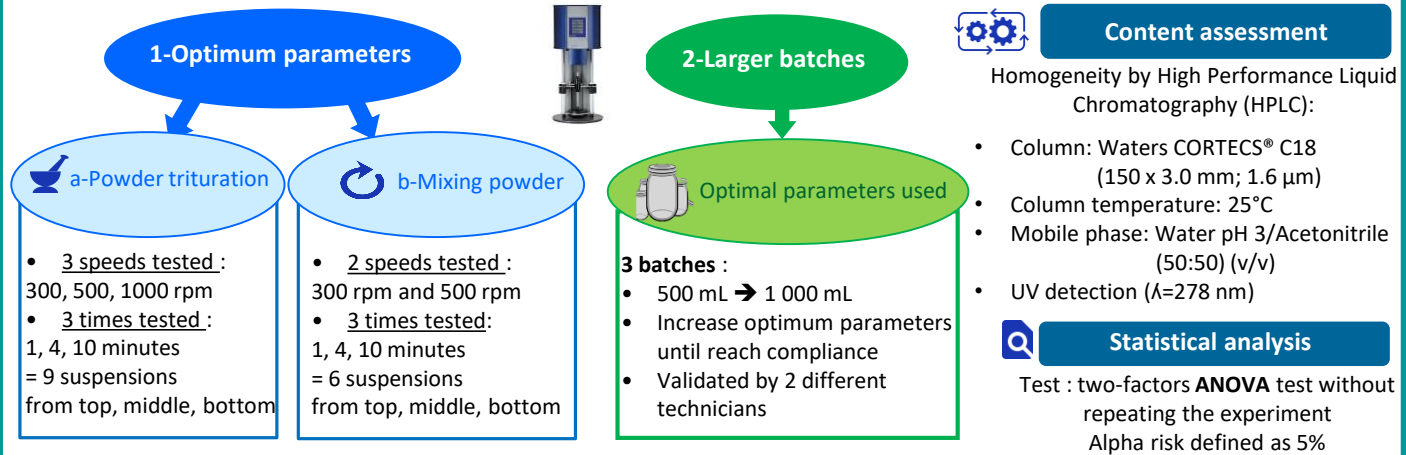
## INTRODUCTION & AIM

**Context** : Manual production of oral suspensions causes operator musculoskeletal issues and limits batch sizes. Increasing batch sizes is essential due to rising hospital demand. The pharmacy has a mixer (Topitec® Touch, Wepa Pharma, Germany) that could potentially mix liquid forms.

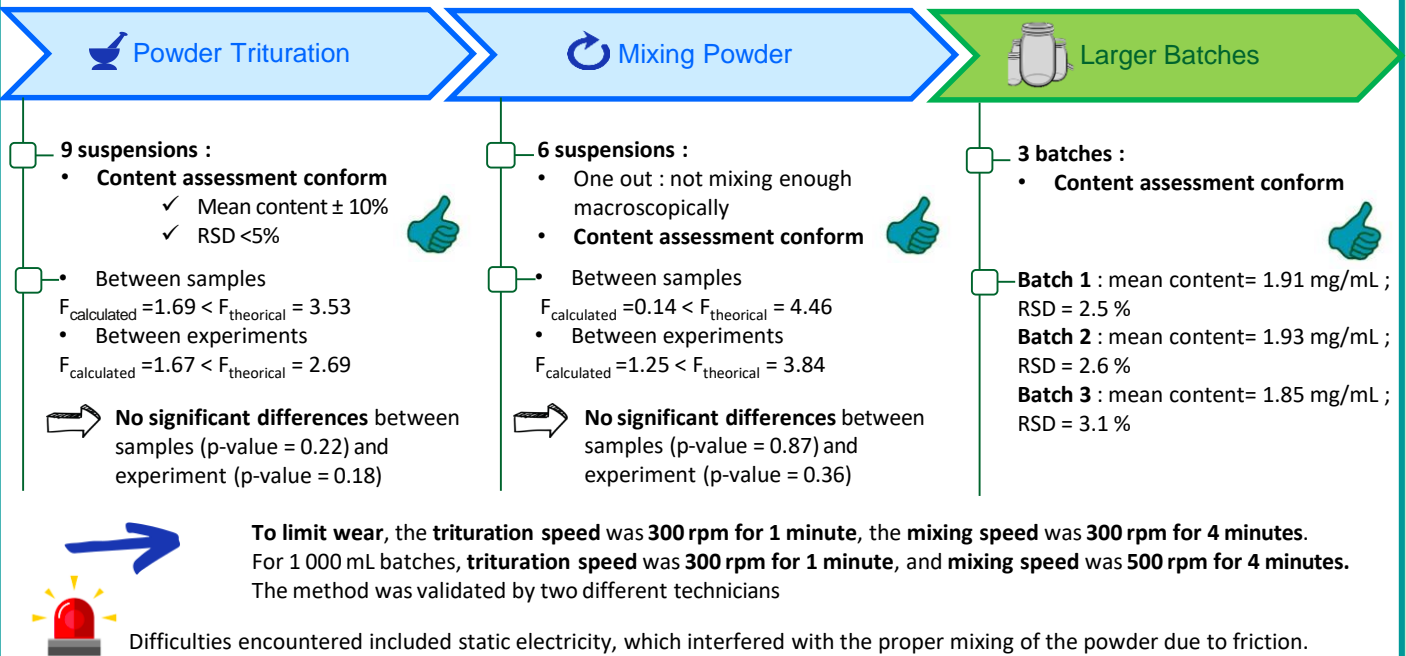
**Objectives** : The study aimed to **evaluate** the Topitec® Touch ability to **produce oral suspensions of Melatonin 2 mg/mL** by optimizing and qualifying the semi-automated process.

## MATERIALS & METHODS

- The study focused on an oral suspension of melatonin 2 mg/mL with content uniformity issues.
- Using melatonin powder (Inresa, France), Syrspend® SF PH4 liquid (Fagron, Netherlands) and the mixer Topitec® Touch



## RESULTS



## CONCLUSION

The semi-automated process using the Topitec® Touch for Melatonin oral suspensions was optimized, qualified, and validated. It is possible to produce larger batches and save operators time.

➡ Investigation of the applicability to other molecules and other vehicles (Inorpha® for example).