

# PARTNERS IN POSSIBILITY

improved release of active pharmaceutical ingredient



## customer challenge

- a global specialty pharmaceutical manufacturer focusing on Rx and over the counter drugs was looking to create customizable functionality in drug release
- the manufacturer was also looking to reduce production costs

## solution

- **Aurorium** partnered with the manufacturer to test the traditional wax matrix coating
- by integrating **Aurorium's** unique spherical potassium chloride (KCl) into the formulation the manufacturer was able to use **50% less wax coating and 2x more of the Active Pharmaceutical Ingredient (API)**

## benefits

- **formula optimization:** less wax in the pill coatings allowed for more of the API to be present in the formulation
- **patient compliance:** due to the formulation change, patient acceptability increased and the consumer experience was improved
- **manufacturing process:** production costs decreased due to the more efficient coating

## at a glance

increased yield and improved drug functionality with unique spherical Pharma-K™ KCl



**Aurorium** is your partner for a better future; focused on providing solutions that enhance drug delivery, feature biocompatibility for optimized performance, and support human health

