

# Speed to Clinic

CASE STUDY



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## *API-in-Capsule using Quantos Technology*

A fit-for-purpose capsule formulation was required for a Phase 1 clinical trial.



### THE CHALLENGES

- ↻ Short development timelines.
- ↻ Weighing small target weights within tight tolerances.
- ↻ Filling wide range of weights, including low weights, accurately.



### THE SOLUTION

- ↻ API-in-capsule using Quantos technology. This technology individually dispenses neat API powder into tarred capsules ensuring the correct dose is provided even at the extremes of the dosing range. This level of accuracy could not be achieved by manually filling capsules.



### THE RESULTS

- ↻ The Quantos automated micro-dosing system was used to manufacture 400 capsules at 3 dosage strengths each, including the lowest strength of 5mg. All the capsules were accurately filled in less than 1 week.