

Controlled Release Drug Delivery and Manufacture

With over 50 years of experience, Almac combines expertise in oral dosage form development and controlled release technologies to produce well-characterised and reproducible dosage forms that release within specifications.



Controlled release approaches

Small and large scale technologies enable us to meet our clients' needs for controlled release drug products.



Controlled release technology

Our formulations and manufacturing processes are robust and scalable, easing transfer between development and commercial facilities, whether in-house or with clients. Our capabilities at small and large scale include:

- Blending
- Milling
- Powders
- Granules (Wet and Dry Granulation)
- Encapsulation
- Tablets
- Tablet Coating
- Multi particulates (beads, pellets and minitables)
- Fluid Bed Processing (Wuster Coating)
- Fixed-dose combinations
- Bimodal drug release profiles

Analytical support

With a dedicated analytical team devoted to drug product activities, accurate and timely results are delivered throughout development and commercial production. Our experienced scientists specialise in method development and validation, stability study programs and troubleshooting product performance.

Matrix Systems	Film Coated Systems
Hydrophilic matrix tablets	Sustained/extended release coatings
Diffusion & erosion controlled systems	Enteric/delayed release coatings
Insoluble swellable matrices	Barrier membrane/ semi-permeable coatings
Polymer matrix	pH independent and pH dependent coatings



Scan the QR Code to find out more about our commercial drug manufacture services.

almacgroup.com

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