

THE BENEFITS OF ^ LIQUID-FILLED CAPSULES (LFCs)



LFCs vs. Tablets

The benefits of LFCs can be summarized with the 5 S'



SPEED — Faster and more cost-efficient entry into clinic



SAVINGS — Quicker formulation leads to lower development costs compared to tablets or other solid oral dosage forms



SAFETY — Safer and easier to handle highly potent APIs once wetted



SCALABILITY — Easy, incremental dose escalations and fewer steps in the scale up process



SOLUBILITY — Better therapeutic outcomes for challenging APIs

Applications for Challenging APIs

/	 Highly Potent APIs Reduced risk of airborne exposure to operators during the manufacturing process
	 Poorly Soluble APIs Significantly enhanced bioavailability and solubility when formulated as a liquid in a hard-shell capsule
	Low-Dose APIsGreater uniformity for low-dose products versus powder
	 Fewer studies required to achieve drug stability

LFCs Offer Advantages During Each Phase of Drug Development

Early-Phase Testing

- Speed of development while ensuring quality
- Ease of dosage adjustment

Late-Phase Testing

- Ease of scale-up
- Fast availability for clinical trial site
- Range of dosage options easily produced

Commercialization

- Ease of scale-up without significant change in equipment or process
- Wide range of dosage options can be manufactured for commercial use
- Variety of band colors for customized branding opportunities

DID YOU KNOW?

Altasciences has a 97% success rate at releasing quality batches right, **the first time**.





altasciences.com | contact@altasciences.com

lin 🕞 🕨