



# COMPOUNDING, FILL-FINISH OF SINGLE-DOSES USING STICK-PACK TECHNOLOGY

Unither Pharmaceuticals is a Global Pharmaceutical CDMO specialized in single dosage forms to simplify the lives of patients.

Liquid stick-packs **deliver the right dose** of health product. It is suitable for populations with swallowing difficulties (children and seniors), as well as patients with an active lifestyle, thanks to its ease of administration (taken without water).

## STICK-PACK TECHNOLOGY SPECIFITIES



**Filling volume:**  
From 1 to 15 mL



**Viscosity**  
1 to 1500 cP



**Packaging material:**  
Aluminium foil to ensure product stability over time



**Formulation types:**  
Solutions, suspensions, emulsions and gels



**Status:** Drugs, Medical devices, Food supplements, Cosmetics



**Options:** Taste masking, with or without preservatives

## YOUR STICK-PACK REFERENCE

**Capacity: 500 million** stick-packs/year

### 3 manufacturing sites

- ★ Colomiers (France)
- ★ Barretos (Brazil)
- ★ Rochester (USA)

### Unique offer

Global location and dual sourcing

### Authorizations

- ★ FDA (USA),
- ★ EMEA (Europe),
- ★ ANVISA (Brazil),
- ★ Russian minister of health (Russia)
- ★ and most of other authorities worldwide

### Development & Analytics

- ★ Dedicated development team
- ★ Large expertise
- ★ Pilot workshop

**OTHER TECHNOLOGIES:** Sterile liquids (BFS, Preservative free Multi-dose), Non- sterile liquids (Bottles, Nasal sprays & Tubes), Solids & Semi solids (Tablets & capsules, Ovules & suppositories)

## 2 TYPES OF COLLABORATION



**Contract Development & Manufacturing**  
for strategic outsourcing



**Turnkey products & Dossiers**  
for licensing-in

## DOSSIERS FOR LICENSING-OUT

Liquid stick-packs	Volume
Ambroxol hydrochloride [sugar-free] 30mg	5 mL
Dextromethorphan [preservative-free] 15mg	5 mL
Mouthwash	10 mL
Oxomemazine [sugar-free] 0.33mg/ml	10 mL
Sodium alginate (2API)	10 mL

