



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

Unique offer

Global location and dual sourcing

Development & Analytics

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

3 manufacturing sites

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

Authorizations

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

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

