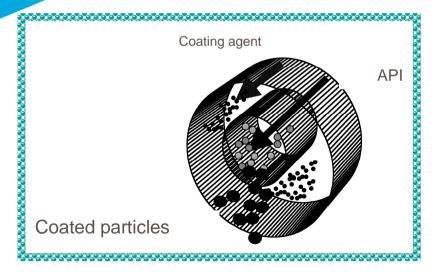
FORMULCOAT®

Coating process by SuperCritical Fluids





Efficient taste-masking

INNOVATION by Preformulation Contract Manufacturing

Issue of **Bitterness**?

Need a competitive cost process to allow Life Cycle Management with an Orodispersible formulation?



FORMULCOAT® has been successfully tested for **taste masking** issue on a wide variety of dry compounds:

APIs

Dry natural extracts

Veterinary products...



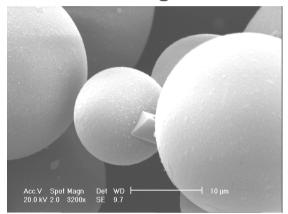
FORMULCOAT® is a mild and **solvent-free process** to efficiently coat all kind of dry powders even small particles



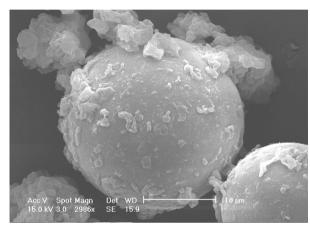
POSSIBILITY TO USE

A WIDE RANGE OF LIPIDIC COATING AGENTS

Before coating



Coated with Monostearate



Coated with Paraffin Glass Beads 20μm



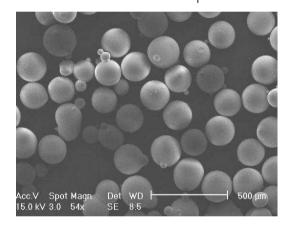
Coated with Precirol

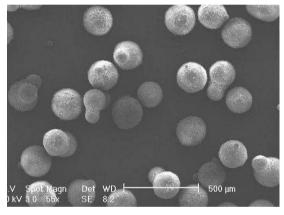


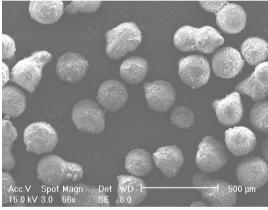


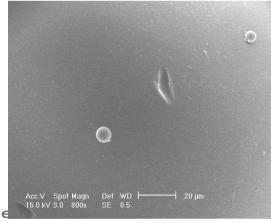
CONTROL of the Thickness of coating layer (200µm Glass Beads – Precirol)

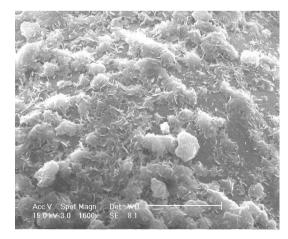
	<i>G</i> B	Test 1 (1,7 ± 0,2 %)	Test 2 (4,2 ± 0,2%)
D medium (µm)	204,7	210,8	220,3
e (µm)		3	7,8

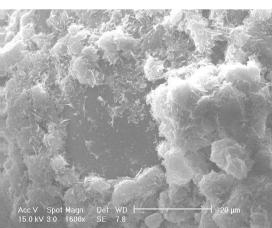








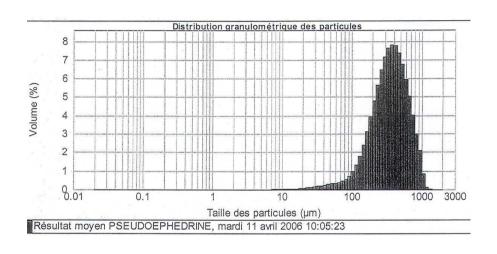


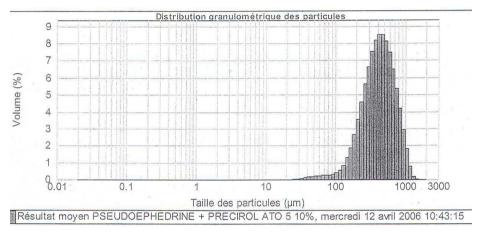


Médicament & Santé

A COATING without AGGLOMERATE

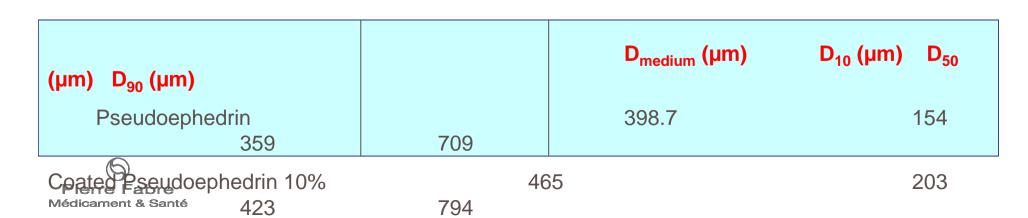
Case Study of Pseudoephedrin / Precirol (10 %)





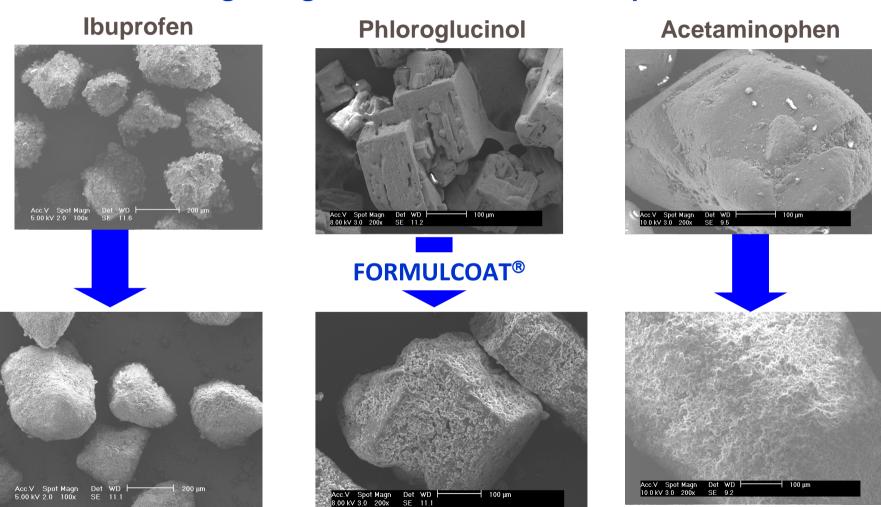
Pseudoephedrin

Coated Pseudoephedrin (10% Precirol)



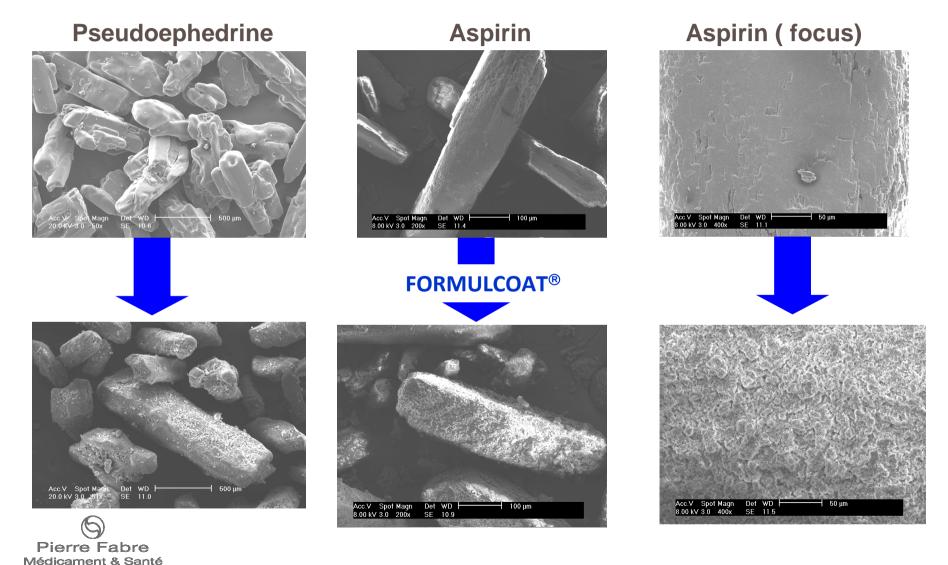
APPLICABLE on

a large range of MORPHOLOGIES of particles



Pierre Fabre Médicament & Santé

APPLICABLE on a large range of MORPHOLOGIES of particles



FORMULCOAT® combines the convenience of an effective taste masking without sustained release effect

FORMULCOAT affords an effective taste masking and consequently permits to obtain formulations without bitterness even for orodispersible forms.

Our **SuperCritical Fluids Division** has been developing **coated API** for more than ten years.

Our comprehensive experience and know-how is at your disposal, with our patented FORMULCOAT® technology.



Preformulation by contract development & manufacturing



A SERVICE ADAPTED TO THE CUSTOMER'S NEED

API's in development or already marketed **CLINICAL BATCHES FEASIBILITY STUDY OPTIMISATION PRODUCTION** (4 weeks) (4-8 weeks) Ratio API/coating Preliminary study of the cGMP conditions agent coating agent in SC CO2 Scale-up Production and supply of batches Process parameters Analysis: Content and Additional analysis homogeneity (HPLC) (dissolution..)



PIERRE FABRE MEDICAMENT

SuperCritical Fluids Division

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