

PRESENTATION ABSTRACT

Presentation topic: Developing enteric coating formulations with sustained release properties

Speaker:

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Presentation abstract:

Kollicoat[®] SR 30D is a polyvinyl acetate dispersion intended for the manufacture of pH-independent sustained-release formulations. But very often the target is to get a sustained drug release in combination with an enteric effect.

The Kollicoat[®] MAE grades are copolymers derived from methacrylic acid/ethyl acrylate and are widely used as film-formers for the production of enteric coatings.

A number of factors may cause aqueous dispersions based on Kollicoat[®] MAE to coagulate during processing, as e.g. the mixing with a Kollicoat[®] SR 30D dispersion.

This study was to overcome coagulation during the simultaneous application of the two incompatible film forming dispersions in order to achieve an delayed and extended drug release.