

DEVELOPMENT OF ADSORPTIVE SEPARATIONS FOR FOOD INDUSTRIES

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ABSTRACT

Adsorptive separation, though an important tool in the pharmaceutical industry, is as yet not often used in food industries. After a summary of some adsorptive processes currently in use in the food industry, important developments that might enable the more wide-spread use of the adsorptive technologies are described. These developments are illustrated by describing two research examples that were recently worked out by the authors: the development of membrane assisted adsorptive separation (MAAS) a new continuous adsorption technology, and the development of a procedure to separate rape seed proteins using traditional packed bed chromatography.