ABSTRACT

Two million tonnes of citrus waste are produced in the Valencian Area every year. Additionally, the citrus juice industry generates 600,000 Tm of orange peels. The Valencian government are interested in the use of this citrus waste to produce bioethanol. The citric waste is mainly composed by peels, seeds and membranes that contain monosaccharides, celulloses, hemicelluloses and pectins, that will be transformed in bioethanol through a fermentation process. IMECAL, in collaboration with CIEMAT, FORD SPAIN and AVEN, are developing an industrial process to obtain bioethanol from this waste.