

“Design of detergents and disinfectants built on enzymatic and natural ingredients bases” (EXP. RD15 - 1 - 0041)

ITRAM Hygiene participates in “**Design of detergents and disinfectants built on enzymatic and natural ingredients bases**” project (Exp. RD15-1-0041)” under the main objective of “**Promoting Technological Development, Innovation and Quality Research**”. This project is co-financed by the European Regional Development Fund of the European Union within the framework of the **Catalonia ERDF Operative Program 2014-2020 - ACCIÓ; Generalitat of Catalunya**.

ITRAM HIGIENE ENZYBAC project aims to develop a new and innovative line of products for the hygiene of the food industries. The goal of this new product line is to achieve formulations that, in addition to cleaning the different areas of a food industry, degrade the polysaccharide layer that forms the biofilms and gets the bactericidal capacity to eliminate bacteria. In this way, we can get a product that cleans, monitors biofilms and eliminates bacteria in just one-step. All of it with costs reduction, decreasing minimum time of application and easier rinse.

Achieving ENZYBAC product fulfills all the objectives initially brought about. At the same time we have been able to develop, validate and introduce into the food sector market new formulations containing surfactants, enzymatic ingredients and natural extracts for the hygiene and disinfection of food industries without the need to use harsh chemicals which, given the growing environmental concern, bring added value to the product. Both, enzymes and natural extracts used in new detergents are found within these new less-harmful technologies for the environment and, consequently, lead to further scientific research and development in a more sustainable way.

On the other side, ENZYBAC introduces into the market the double strategy of “hygiene + bactericide” in one step which is totally innovative and not exploited at a commercial level. With its entry into the market it also opens new challenges for all of us.

ENZYBAC by ITRAM HIGIENE is a project COFINANCED by: