

**Sector : ORGANIC GENIE**



**Acronym** : BIOCON

**Option** : Bioanalyses and controls

**Level** : BTS

**Prerequisites** : Scientific series or equivalent level

**Opportunities** :

The holder of the BTS- Laboratories for analysis, control and research and development of food industries is an assistant or a collaborator of engineer or researcher in the field of bioanalysis.

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This collaboration takes place in the following areas:

- Analysis, control and research and development laboratories for the food, pharmaceutical and cosmetic industries (on site or service providers).
- Environmental control and study laboratories.
- Expertise laboratories (customs, police, fraud, etc.).
- Teaching and research laboratories.

## **Description**

The senior bioanalysis and control technician works within a team. Its main mission is to implement, optimize and update methodologies and techniques making it possible to verify the suitability of the processes and the conformity of the products with the pre-established objectives. This mission is part of the quality approach of companies in the sectors concerned (food, pharmaceutical and cosmetics). He takes part in studies conducted in his laboratory.

## **Skills:**

He exercises his critical mind on his activities to validate his results and develop his professional practices. In all of its activities, it integrates the risk analysis and prevention approach. He masters information and communication technologies, either to manage databases and write functional documents relating to his activity, or to research and transmit information. In addition, it contributes to the development, implementation and monitoring of a production. This involves the handling of chemicals and biologicals and the use of laboratory apparatus; mastery of techniques in the fields of biochemistry, microbiology, immunology, molecular biology as well as techniques related to cell cultures; finally, knowledge of the main manufacturing processes.