

One-stop service - world-class, worldwide

# Processing Capabilities

## Eurofins Agrosience Services

With over 30 years of experience in Crop Protection, Eurofins Agrosience Services is a global CRO offering exceptional technical knowledge, testing and regulatory consultancy to plant health and crop protection manufacturers, the agri-tech sector, plant breeders and the seed industry.

In a dynamic and complex regulatory environment, our priority is to support clients through every stage of the agrochemical registration process.

## Food Processing Studies

Since the interest in processing of crops has increased with more rigid legal stipulation, Eurofins Agrosience Services has developed in house expertise in this area.

With the demands of EU, OECD, CEB and EPA guidelines on compliance to GLP and GEP rules becoming ever more stringent, there is now more emphasis on this type of study.

We are experts in managing global field studies, worker exposure studies, ecotoxicology, analytical services, physico-chemical property testing, 14C / environmental fate laboratory and field studies.

This provides a unique strength - a link between field, food processing and analytical phase and the control of the shipments between the study sites to ensure compliance with specific shipment and storage requirements.



### Expertise:

- Assigned food technologists for monitoring the food processing phase
- Experienced study directors and principle investigators
- Preparation of the study / phase protocol
- Compiling process-related documentation
- GLP quality assurance
- Implementation of GEP studies (including taint tests)
- Sample shipping under controlled conditions
- Evaluation and reporting of results

All food processes are carried out according to EU and OECD guidelines and in compliance with GLP. In addition, we offer quality analysis and taint tests under GLP or GEP.

Eurofins Agrosience Services carries out processing studies as mass balance and follow-up studies and calculates the transfer factors for pesticide residues.

### Range of Services

The range of services includes the processing of the following raw materials to a large number of end products.

Almond	Roasted almonds, milk
Apple	Juice, dried, sauce, cider
Berry / Stone Fruit	Juice, puree, pasta, dried fruit, jam
Brassicas	Cooked, canned, sauerkraut, oils
Citrus	Juice, marmalade, dried, essential oil
Cereals	Pot / pearl barley, malt, beer, flour, bread
Cocoa	Cocoa butter, cocoa powder, cocoa paste
Coffee	Roasted coffee, instant coffee
Graoe	Wine, juice, raisins
Hops	Beer
Olive	Virgin and refined oil, table olives
Potato	Cooked, canned and microwaved, potatoes, crisps, fries, flakes
Rape seed, Peanut	Press cake / meal, crude and refined oil
Rice	Husked rice, husks
Sugar beet	White sugar
Soybean	Oil, tofu, soy milk, soy sauce
Vegetables	Puree, paste, juice, ketchup, cooked, blanched, canned vegetables

### Technical Capabilities:

- Abrasion of cereals
- Adjustment of water content
- Baking, cooking
- Brewing and vinification
- Canning
- Centrifugation, mechanical pressing
- Programmed, vacuum drying of vegetables and fruits
- Extraction of oils
- Fermentation
- Filtration & vacuum filtration
- Homogenisation and stabilisation
- Jams and marmalades
- Juicing
- Malting
- Mechanical removal of peel
- Pasteurisation and sterilisation
- Purees and pastes of vegetables and fruits
- Refinement of oil
- Shock-freezing
- Steaming
- Milling, sieving



Our processes follow industrial procedures on a laboratory scale and this is only a small sample of studies that we can do. In summary, Eurofins Agrosience Services is confident that it can fulfil all your food processing study requirements.

### Eurofins Scientific

Eurofins Scientific, through its subsidiaries, provides Contract Research Services to a wide range of industries including environment, pharmaceutical and agrosience.

### Worldwide excellence in bio-analytical testing

#### Eurofins Agrosience Services Group

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