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Sugar Beet Processing

Eurofins Agroscience Services

With over 30 years of experience in Crop Protection, Eurofins Agroscience 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.

Interest in the processing of crops has increased since legal stipulations became more stringent. In response, Eurofins Agroscience Services has developed extensive in-house expertise concentrated at its processing laboratory in Vergèze, France.

Experienced staff are on hand to compile process-related documentation and dedicated food technologists are assigned to monitor the food processing phase.

The majority of processing methods required for dossier submission have been developed, these include:

- Jams and Marmalades
- Cooking, Juicing, Canning & Drying
- Wine making
- Oils and essential oils
- Malting and brewing
- Milling and baking

The Processing Team have recently developed a new technique: production of sugar from sugar beet





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In the 16th century, Olivier de Serres, a French scientist, discovered a process for preparing sugar syrup from the common red beet – because crystallized cane sugar was already available, this process never caught on. Today however, 250 million tons of sugar beet is harvested each year for the 45 million tons of white sugar consumed.

Sugar Beet Processing

Sugar Beet

Washing, Trimming, Cutting

Cooking

Pressing

Carbonations

Cold Storage

Evaporation under vacuum

Crystallization

Centrifugation

Drying

Sugar





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