



PPM

Pilot
Pflanzenöltechnologie
Magdeburg e.V.

In addition to the oil, oilseeds can also contain significant amounts of high value plant proteins which possess nutritional and also interesting technological properties.

We develop industrial technologies for the extraction of plant proteins and fabrication of products.

Extraction of plant proteins

- Evaluation of feedstock (cakes and meals of different oilseeds and technologies)
- Evaluation of known plant protein extraction technologies
- Development and optimisation of plant protein extraction technologies and single processing steps
- Manufacture of plant protein samples according to the following processes
 - Gentle meal desolventising by fluidised bed technology
 - Protein extraction und isolation
 - Protein purification by membrane filtration
 - Protein conservation by spray-drying

Applications

- Development of products derived from plant proteins with advantageous properties for animal feed, industrial and food applications
- Profiling plant proteins and products



OUR SERVICES

- Contract research
- Laboratory and pilot scale processing
- Sample production
- Studies
- Training and further education



Contact

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