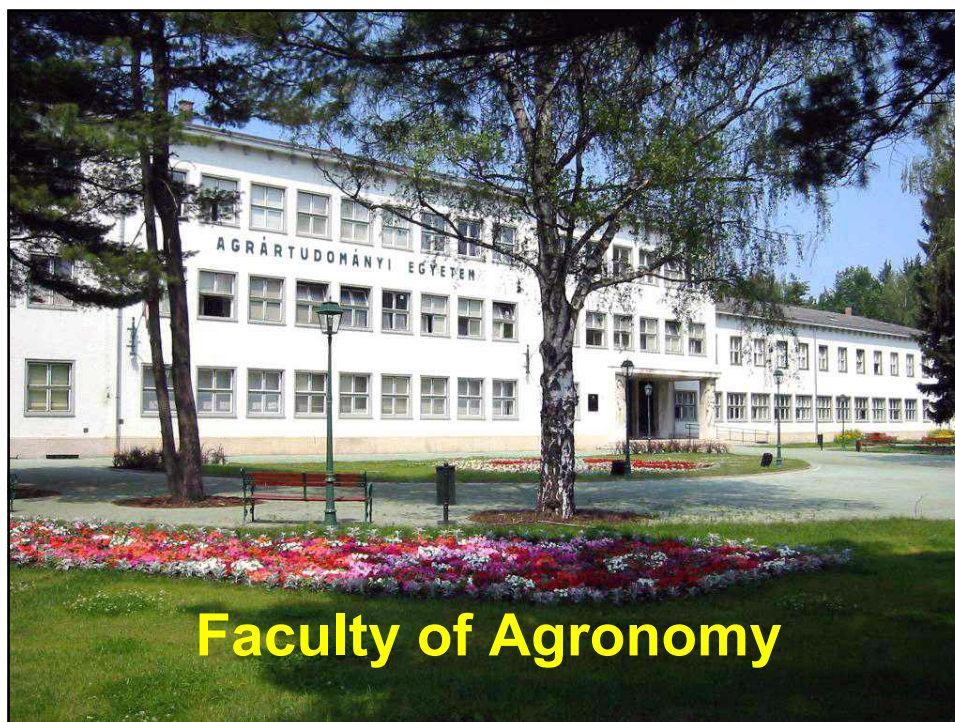


University of Debrecen Centre of Agricultural Sciences
Department of Food Science, Quality Assurance and Microbiology

University of Debrecen

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Department of Food Science and Quality Assurance

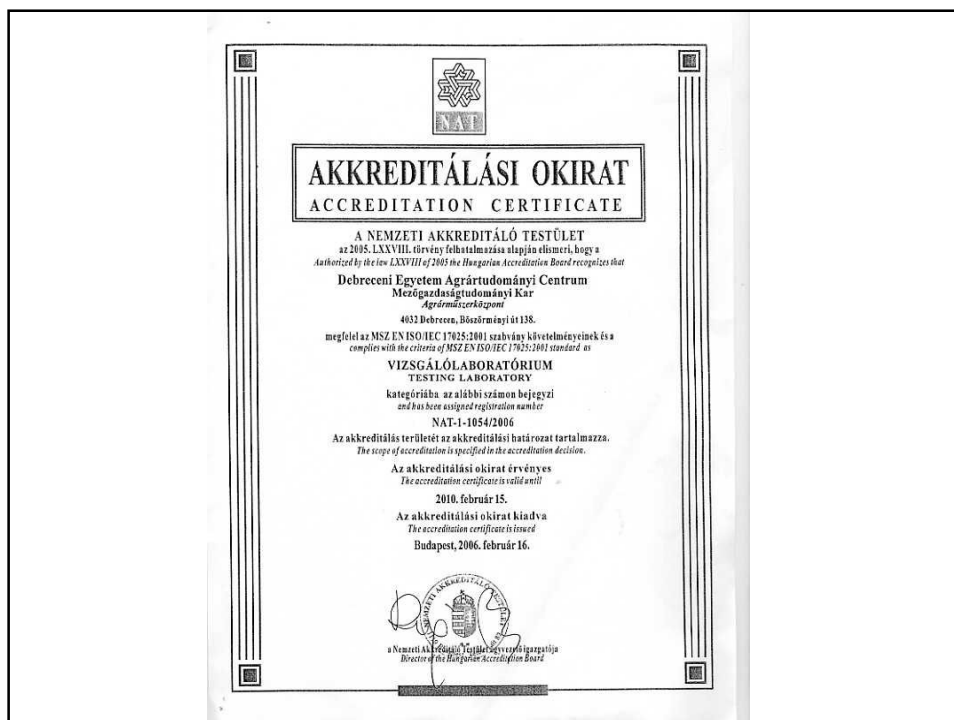


RESEARCH FIELDS

- Effect of different factors on baking quality of winter wheat
- Fractionation of proteins from cereals
- Macro and micronutrient content of agricultural plants (wheat, maize, pea, sunflower, soybean)
- Studying the chromium cycle in soil-plant system and speciation of chromium
- Fractionation of metals by sequential extraction from soils
- Method developments for ICP-AES and GF-AAS measurements and sample preparation
- Micotoxins, vitamins, amino acids, and proteins in food and feed
- Detection of genetically modified ingredients from food and feed
- Investigation of the sulphur in the soil-plant system, speciation, method developments, applications
- Method validations for nitrogen and sulphur measurements
- Measuring approximately 80 elements (such elements not detectable by ICP-AES) by ICP-MS with the best detection limits (ppt=ng/kg)
- "Farm to fork" in case of cereals for animal food
- Application of modern bio and food analytical methods in food raw material processing

International projects

- EU 5 Copernicus 1993-97: Herbicide degradation in the subsurface and aquifer environment in Europe.
- EU 5 Copernicus 1997-98: Effect of heavy metal contamination on the plant-animal-human system on the basis of the composition of animal products (CIPACT)
- INCO-COPERNICUS 1998-2003: Metals in environment: estimating the toxicity and limits
- TÉT-Balaton 2000-2001: Effect of the environment on the quality of agricultural products. Foreign Ministry of French
- GRESO 2002-2004: The yield and quality potential of winter wheat in Europe. Foreign Ministry of French
- NATO 2002-2003: Environmental factors and chemical composition of venom of viper. NATO
- TÉT 2005- : Traceability of honey production and processing





Certificate

We herewith certify that

*University of Debrecen Agricultural Sciences
Central Laboratory
Debrecen, Hungary*

are approved to issue analysis certificates for:

Grain

*under the
Grain and Feed Trade Association
Approved Analysts Scheme*

Scheme year 2009 Round 1

Certificate validity: 16.03.2009 – 15.09.2009

Signed and dated: 13th March 2009

Jeremy Smith
Scheme Manager
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