

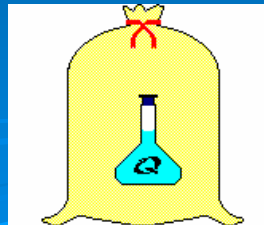
National Reference Laboratory



HUNGARY

National Institute for Agricultural
Quality Control
Microbiological Department

Rome, 01 December 2006



National Regulation

- Hungarian Feed Law (Act. CXIX./2001)
- Ministry Decree No. 43/2003. (IV.26)
- Law CLIX./2005.

European Commission Regulation

- Regulation (EC) No 882/2004 of the European Parliament and of the Council of 29 April 2004 on official controls performed to ensure the verification of compliance with feed and food law, animal health and animal welfare rules
- Regulation (EC) No 852/2004
- Regulation (EC) No 853/2004
- Regulation (EC) No 854/2004

Membership in the national and international organizations

- Hungarian Standard Institution
- European Feed Microbiology Organization (EFMO)
- CEN/TC 275/WG6 Horizontal methods-Microbial contamination
- ISO/TC 34/SC9 Microbiology

Tasks and activities

- Whole scale microbiological examinations of animal feeding stuffs
- participation in development of the reference methods
- organization of microbiological ring-tests for feed testing laboratories
- participation in the international, microbiological ring-tests
- participation in the international and european standardisation work

Microbiological examination

Basic examinations

- Aerob mezophyl bacteria
- Moulds and yeast
- Enterobacteriaceae

Microbiological examination

Examination of pathogen bacteria

- *Salmonella* spp.
- *Escherichia coli* (O157)
- *Clostridium perfringens*
- *Listeria monocytogenes*

Microbiological examination


Examination of non pathogen bacteria (probiotics)

- Lactic acid bacteria
- Enterococcus faecium
- Pediococcus spp.
- Bacillus toyoi
- Bacillus licheniformis


Methods

- EN ISO 4833
- MSZ ISO 7954
- ISO 21528-2
- MSZ EN ISO 6579
- MSZ EN ISO 16649-2
- MSZ EN ISO 16654
- MSZ EN ISO 7937
- EN ISO 11290-1:1996/AM1
- MSZ EN ISO 6888-1
- MSZ ISO 15214

Ring-tests

- Taking part regularly in international ring-tests (EFMO)
 - Organising ring-tests for Hungarian feed testing laboratories
 - Prepare the samples
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Examinations of E. coli

- Regularly performed examination
 - Reducing faecal contamination
 - SCVPH - verotoxigenic E. coli –biohazard
 - Hungarian NRL – ready
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**National Institute for Agricultural Quality Control
Central Laboratory
National Reference Laboratory**

H-1144 Budapest, Remény u. 42. HUNGARY

Tel: +(36-1)383-51-95

Fax: +(36-1)467-04-61

E-mail: kozplab@ommi.hu

WEB: <http://www.ommi.hu/laben/nyitoEN.htm>



Thank you for your attention!

