

Internationale Arbeitsgemeinschaft für Futtermitteluntersuchung (IAG)
Sektion Futtermittelmikroskopie
International Association of Feedingstuff Analysis (IAG)
Section Feedingstuff Microscopy

Meeting 2006
ROSTOCK 20.06. – 22.06.2006

- Short lectures of the participants about their working – problems of the last year
- Concerning the technical lectures will be referred to the proceedings of our meeting.
- **Ringtests:**
- JØRGENSEN (DK) - **“Animal protein in compound feeding stuffs 2006”:**
The test samples comprised of a compound feed for calves grinded to a particle size < 2 mm before spiking:
A 01/06: Compound feed for calves – no animal constituents.
A 02/06: Compound feed for calves spiked with 2% FM and 0,2% MMBM (porcine)
A 03/06: Compound feed for calves spiked with 2% FM and 0,1% MMBM (porcine)
The compound feed for calves without animal ingredients (A 01/06) was tested by microscopy (2003/126/EC) before spiking.

Conclusion:

The majority of participating labs have many years of experience in identification and estimation of animal protein in compound feed, but a few new labs participated in this ring-test for the first time.

- Only 3 labs of the 42 had false positive results on fishmeal and only one had false positive on MMBM
- All labs identified both the fishmeal and the low amounts of MMBM which were the 2 samples spiked with.
- The amount of sediment varied a lot although all labs were using the same method. Even when looking at the various amounts of sediment depending on the used sediment equipment, the variation was considerable.
- If the separation funnel was used for sedimentation there was a tendency that the estimated contents of MBM didn't vary that much.

Considering the calculated fishmeal results, this difference was not clear.

- SLOOT (D) - **“Open declaration- Identification and estimation of constituents in a mixed dairy feed”:**
 - The test sample consisted of a compound dairy feed containing 7 constituents.

Conclusion:

According to our tolerances of analysis 11 labs of the 21 participating labs estimated all constituents well and 5 labs failed only in one constituent.

- FRICK (CH) – **“ Open declaration- Identification and estimation of constituents in a mixed layer feed”**
 - The test sample consisted of a layer feed containing 7 constituents.

Conclusion:

12 of 15 labs identified and estimated all 7 constituents well, only 3 labs failed in more than 1 constituent.

- WERNITZNIG (A) – **“Fertilizer- Identification and estimation of constituents in an organic fertilizer**
”

- The test sample 01DM06 consisted of 3 constituents of plant origin and 1 constituent of animal origin. .

Conclusion

12 of 15 labs identified the used constituents, 8 labs estimated all constituents, only 2 labs failed in more than 1 constituent.

Scheduled ring tests for our meeting 2007:

- open declaration – LUFA Nord-West (Oldenburg)
- estimation of animal ingredients – DPD (Lyngby)
- open declaration – RAP (Posieux)
- organic fertilizer – AGES (Vienna)
- owing to circumstances – ringtests for datura or ricinus.

RAAMSDONK (NL) reported about a new SANCO project "Safe Feed Project – SAFEED-PAP" with partners in Belgium, Netherlands, UK, Denmark, Italy, Spain, Lithuania, China. The aims are "species to species-ban", zero-tolerance and reference-methods.

Decisions:

- for our internet-presentation every organizer of the annual meeting is levying an additional fee of € 10,-.
- The following IAG methods:
 - a) Preparation of samples (Probenvorbereitung)
 - b) Determination of *Claviceps purpurea* in feedingstuffs (Bestimmung von Mutterkorn in Futtermitteln)
 - c) Determination of *Datura* seeds in feedingstuffs (Bestimmung von *Datura*-Samen in Futtermitteln)
 - d) Determination of ricehusks in feedingstuffs (Bestimmung von Reisspelzen in Futtermitteln)
 - e) Determination of stone husks in feedingstuffs (Bestimmung von Steinschalen in Futtermitteln)
 - f) Determination of Castor seeds in feedingstuffs (Bestimmung von Rizinus-Samen in Futtermitteln)

are harmonized after the obligatory three lectures.

After translation into English and agreement of all participants in the IAG meeting in Potsdam they will be published on our IAG homepage.

The German version of the IAG methods will become part of the VDLUFA feedstuff method book, available on the VDLUFA website.

For our annual meeting 2007 we are invited to Potsdam (D).

Secretary:

President:

Dr. Wernitznig

Dr. Paradies-Severin

Enclosed: List of participants