

# ***EURACHEM NEDERLAND SYMPOSIUM 2005***

## **Monsterconservering**

***Monsters met of zonder waarde***

Cor de Ruiter

9 november 2005

RAAD VOOR ACCREDITATIE



# Monsterconservering

## *Monsters met of zonder waarde*

### Voor welke belanghebbende(n) ?

### Missie van de RvA

Zorgdragen dat belanghebbenden een gerechtvaardigd vertrouwen hebben in alle onder toezicht van de RvA afgegeven conformiteitsverklaringen

# Monsterconservering historie

**1999-2000; RvA vakdeskundigen constateren afwijkingen bij milieulaboratoria**

- **Overschrijding maximum conserverings-termijn**
- **Datum monsterneming onbekend**
- **Headspace (analyse van VOC's)**
- **Niet aangezuurd (metaal analyses)**
- **Niet gekoeld**
- **Gefiltreerd (afvalwater analyses)**

# Monsterconservering

## Probleem (b)lijkt omvangrijk!



# **Monsterconservering**

## ***Eisen van ISO/IEC 17025***

- **Clause 5.8.3**  
**Recording of deviating samples upon receipt and subsequent consultation of the client.**
- **Clause 5.7.2**  
**Deviations of a documented sampling procedure on request of the client shall be recorded and reported.**
- **Clause 5.10.1 - 5.10.3**  
**Results of tests shall be reported accurately, clearly, unambiguously and objectively.**

# **Monsterconservering**

## ***Europees kader: EA Laboratory Committee***

### ***Turijn 2003***

- **Bevestiging dat RvA ISO/IEC 17025 juist toepast**
- **Rapporten inzake afwijkende monsters moeten een disclaimer bevatten. Uit de disclaimer moet helder blijken dat de resultaten betrekking hebben een afwijkend monster én een verklaring dat de testresultaten dus niet valide kunnen zijn**

# **Monsterconservering**

## ***Europees kader: EA Laboratory Committee***

### ***Brussel 2004***

- **End of 2003 the Dutch Federation of Accredited Laboratories and Inspection Bodies (FeNeLab) conducted an investigation with regard to deviating samples**
- **Clearly deviating samples were send to 16 accredited laboratories (both commercial and (semi-) governmental) in 4 neighbour countries; in total 32 deviating samples were send**

# **Deviating samples**

## **EA/LC Brussels, March 4&5, 2004**

### ***Results of FeNeLab investigation***

- **For only 7 out of 32 samples (with a total of 35 analyses and 248 components reported) the laboratories contacted the client about the deviating sample**
- **None of the laboratories included a clear disclaimer in their reports; only in 2 occasions a vague statement was included**

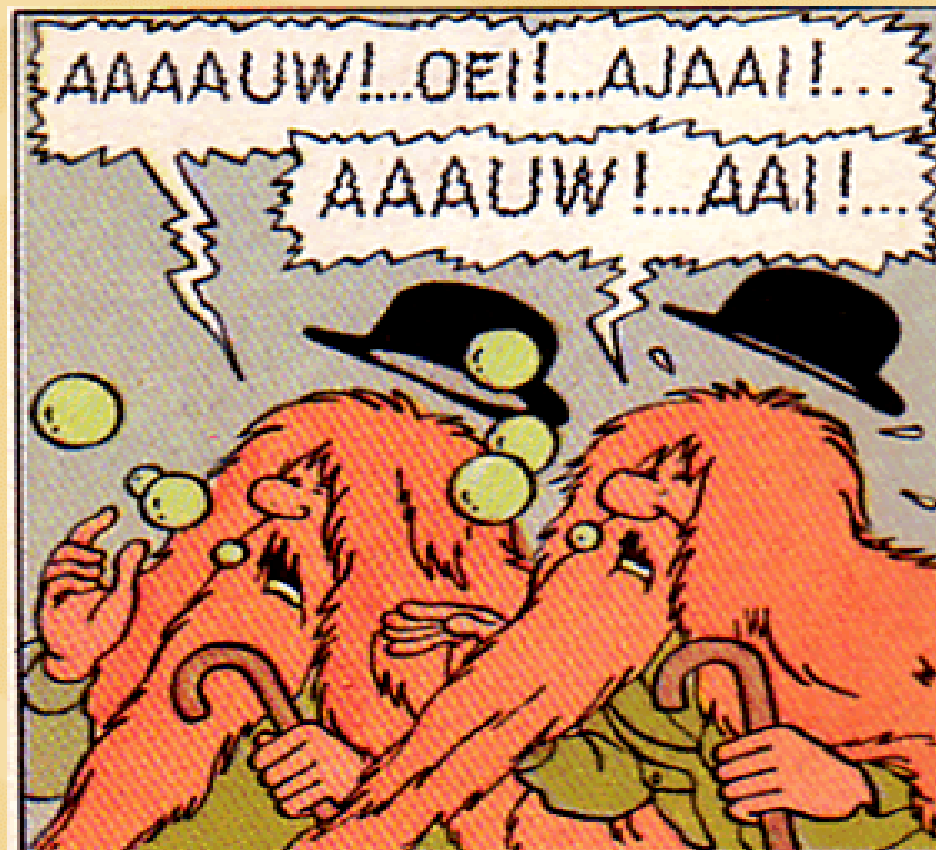
# **Deviating samples**

## **EA/LC Brussels, March 4&5, 2004**

### ***A threat for accreditation ?!***

- **Unfair competition within EU when accredited laboratories do not consequently include disclaimers in their reports;  
Note: large environmental laboratories operate in many EU countries**
- **Change of a scandal, e.g. houses being build on (seriously) contaminated ground  
Test results of accredited laboratories revealed that the ground was not contaminated (note: concentrations of pollutants found in deviating samples are (much) lower).  
Test reports bare the logo of the Accreditation Body, but do not contain a clear disclaimer!**

**Deviating samples**  
**EA/LC Brussels, March 4&5, 2004**  
***A threat for accreditation ?!***



# **Deviating samples**

## **EA/LC Brussels, March 4&5, 2004**

### ***further actions***

- **Discuss the issue of deviating samples during regular meetings with (lead) assessors and technical experts**
- **Inform the accredited laboratories in that:**
  - **deviating samples will be emphasized during the assessments**
  - **reports shall include a clear disclaimer about the deviating sample and that the test results may be invalid**
  - **a nonconformity will be issued when such a disclaimer is lacking**
- **Share our experiences during the next EA/LC meetings**

# Monsterconservering

## Status in Europa 2005

AB / EA-MLA signatory	Country	Actions reported
<b>BELAC</b>	<b>Belgium</b>	Y
BMWA	Austria	N
<b>CAI</b>	<b>Czech</b>	Y
COFRAC	France	N
<b>DACH / DAP</b>	<b>Germany</b>	Y
DANAK	Denmark	N
<b>ENAC</b>	<b>Spain</b>	Y
<b>ESC</b>	<b>Estonia</b>	Y
<b>ESYD</b>	<b>Greece</b>	Y
<b>FINAS</b>	<b>Finland</b>	Y
<b>INAB</b>	<b>Ireland</b>	Y
<b>ISRAC</b>	<b>Israël</b>	Y
LATAK	Latvia	N
<b>NA</b>	<b>Norway</b>	Y
PCA	Poland	N
<b>RvA</b>	<b>Netherlands</b>	Y
SA	Slovenia	N
<b>SAS</b>	<b>Switzerland</b>	Y
SINAL	Italy	N
SNAS	Slovakia	N
<b>SWEDAC</b>	<b>Sweden</b>	Y
UKAS	UK	N

# Monsterconservering

## *Reikwijdte*

- Milieumonsters
- Drinkwatermonsters
- Voedingsmonsters
- Monsters tbv forensisch onderzoek
- Patiëntenmateriaal (ISO 15189)

**Onjuiste monsterconservering kan meerdere gevolgen hebben !**

# Monsterconservering

## *Conclusies*

- **Veel aandacht in Nederland voor juiste conservering van monsters en gebruik van corresponderende disclaimers in testrapporten**
- **Belang van juiste conservering wordt in Nederland breed (h)erkend**
- **In Nederland zijn al duidelijke successen geboekt; bewustwording opdrachtgevers**
- **Steeds betere aandacht in Europa voor juiste monsterconservering, echter nog niet in alle (ons omringende) landen**