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Federal Department of Economic Affairs DEA
Agroscope Liebefeld-Posieux Research Station ALP



Reference system for somatic cell counting

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Reference system for somatic cell counting

Why?

- Assuring equivalence of analytical results where:
 - reference method has limited performance
 - certified reference material is lacking



Reference system for somatic cell counting

How?

- Reference system: well-structured anchoring system fed by different types of information
 - reference materials
 - reference method results
 - routine method results
 - proficiency testing results
- Traceable competence
- Recognition/adoption by regulatory bodies, competent authorities



Who?

- Working group consisting of
 - Dave Barbano, Cornell University (US)
 - Christian Baumgartner, Milchprüfing Bayern (DE)
 - Thomas Berger, Agroscope Liebefeld-Posieux (CH)
 - Harrie van den Bijgaart, Qlip (NL)
 - Ute Braun, muva Kempten (DE)
 - Paul Jamieson, SAITL (NZ)
 - Olivier Leray, Actilait (FR)
 - Bertrand Lombard, AFSSA/CRL MMP (FR)
 - Chrysanti Matara, Greek Dairy Organization (GR)
 - Silvia Orlandini, AIA Laboratorio Standard Latte (IT)
 - Anne Pécou, CNIEL (FR)
 - Peristeri Popi, Greek Dairy Organization (GR)
 - Andrea Rosati, ICAR Secretariat (IT)



Reference system for somatic cell counting

Done so far

- Support/commitment found with
 - IDF MSSG/SPCC
 - SC AH/NMC/OIE
 - ICAR
 - EU CRL MMP
- NWI approved by IDF NC's and ICAR Board
- Working Group installed
- Terms of Reference adopted (update May 2010)
- First WG Meeting in Paris, 9/10 April 2009
- Second WG Meeting in Sochi (Russia), IDF/ISO Analytical Week, 19/22 May 2009



Reference system for somatic cell counting



Outline of Reference System for Somatic Cell Counting

(Outcome of first discussion, Paris, 9/10 April 2009)

Criteria for competence of contributing labs

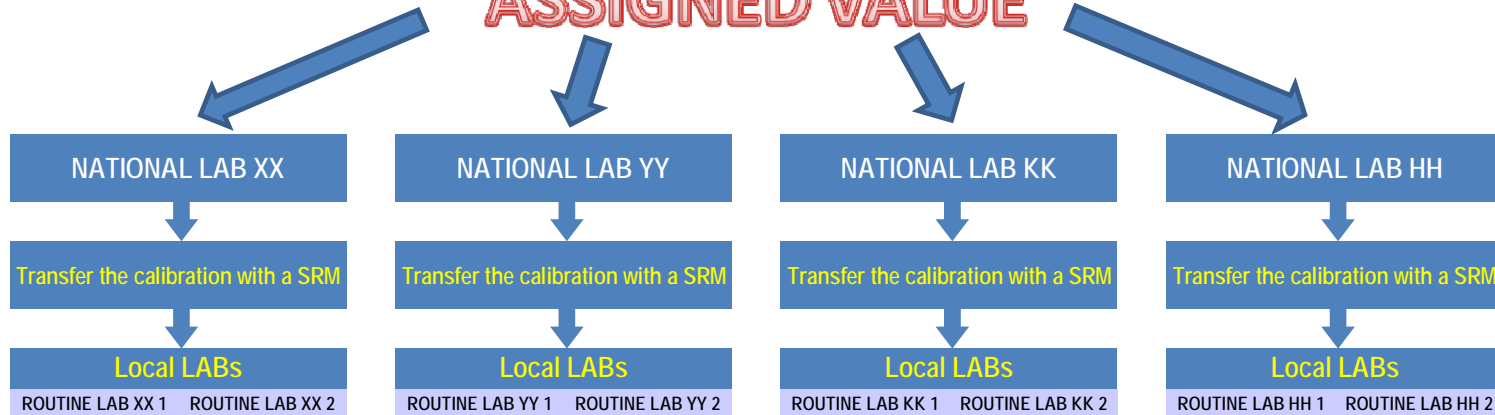
Criteria for competence of contributing labs

COORDINATOR



Data processing

ASSIGNED VALUE



TOP

DOWN

?

BOTTOM

UP?



Next actions

- Letter with explanation to IDF NC India
- Contact with reference material suppliers (incl. IRMM)
- Questionnaire on applied reference materials
- Defining criteria for reference material
- Lab database (incl. system for scoring competence)
- Outline of calculation model
- Marching route and time plan for the whole project
- Communication plan

Next Meeting

- IDF World Dairy Summit, Berlin 17-21 September 09