

ICAR Certificate of Quality:

Auditor(s)' Report for the ICAR Executive Board (following the Executive Board's deliberations the report will be forwarded to the applicant).

Name(s) of Auditor(s) and areas audited:
Kaivo Ilves
Milk analyses
Date of audit:
10 April 2015 – Visited audit.
Applicant:
Oudtshoorn Laboratory, Deltamune Ltd.
Activities for which the ICAR Certificate of Quality are requested:
Laboratory analysis of milk samples
Auditor's recommendation for the granting or refusal of the ICAR Certificate of Quality
The auditor recommends the granting of the ICAR Certificate of Quality for milk analyses.
In the event of a negative recommendation , for the whole or part of the application, list the areas requiring attention and give a résumé as to reasons for non-acceptance and or non-compliance. Please list in order of priority.
Not applicable.
In the event of a positive recommendation , please list any areas which, in the opinion of the auditor(s) would improve performance or service to the applicants farmers/customers.
1. All sample boxes are identified by the name of the farm. The auditor recommends to add farm code (participant number) to the label as a backup to minimize possible errors in case of similar names. 2. All test samples are wasted before the control sample is analysed and therefore a reanalysis is not possible. The auditor recommends to investigate the possibility to not waste test samples before the result of the control sample confirms the accuracy of the tests. The change will make it possible to re-use the test samples for analyses if necessary. 3. Results are sent to the database by e-mail and it seems to be time-consuming as a lot of the work has to be done manually. The laboratory will get a reply from database in case of problems. The auditor recommends to open discussion with the data processing unit to develop an automatic reply as a conformation of all e-mails that are received. An additional recommendation is to request that applicable software for the laboratory to upload information directly to database be developed. 4. The sample volume seems to be irregular. The auditor recommends that the issue be discussed with the customer (SA Stud book and Animal Improvement Association) to determine if it is possible to have a more even sample size. Such changes would help to improve the use of laboratory resources.

Review

Auditors to give a résumé of each of the areas for which the applicant requested audit and how in the auditors' opinion the applicant was providing service.

Identification Résumé: Not applicable.
Transport Résumé: Deltamune Ltd is not involved in the transport of samples. The transport of samples is organized by the SA Stud Book and Animal Improvement Association.
Production recording Résumé: Not applicable.
Laboratory Résumé: The laboratory is accredited according to ISO 17025 by South African National Accreditation System. The staff is skilled and experienced. The laboratory regularly participates in national and international ring-tests. Every sample is identified by a combination of a farm and a sample number. Every sample is unique within the particular farm. Links exist between sample numbers and animal id's in a database. Samples are analyzed by CombiFoss FT+ (Fossomatic FC and MilkoScan FT+) and a quality management system is in place. All results are checked before sending it to the database. All results are stored at the laboratory for future reference if needed.
Data processing Résumé: Not applicable.
Genetic evaluations Résumé: Not applicable.
Other comments/remarks/opinions not covered above As Deltamune Ltd is providing Milk Laboratory service to the SA Stud Book and Animal Improvement Association it is recommended to have the Certificate of Quality audit for both organization in parallel. It would help the auditor to audit the full system as the linking of sample id's and laboratory results with animal id's are essential.

The President and Board of ICAR thank you for all your work in auditing and compiling this report.