



THE GLOBAL STANDARD FOR LIVESTOCK DATA

Network. Guidelines. Certification.

ICAR (the International Committee for Animal Recording) is an International Non-Governmental Organization (INGO) that provides an open yet secure network to share with, learn from and interact with fellow members and related stakeholders in global animal production. The aims of ICAR are to promote the development and improvement of animal identification, performance recording and evaluation in farm animal production. Such objectives are achieved through the establishment of definitions and guidelines for measuring characteristics of economic importance. The intention is to promote the development and improvement of the activities of identification, performance recording and the evaluation of farm livestock.

In order to assure the performance and technical ability of laboratories, which may or may not be member organizations, ICAR has been performing an annual accreditation round since 2007 of genetic laboratories that analyse the parentage in cattle by SNP and STR markers. ICAR member organisations believe that such accreditation is essential to guarantee reliable results in the field of parentage analysis.

The accreditation is performed upon the presentation of the necessary requirements defined in the ICAR Guidelines as well as the ISO17025 certificate for STR genotyping and the ISO17025 or ISO9001 certificate for SNP genotyping.

Effective 2022, the ISO17025 certificate of accreditation will be mandatory to apply for ICAR accreditation for both STR and SNP genotyping. Laboratories are encouraged to take the necessary actions in a timely manner in order to meet these revised requirements for receiving ICAR accreditation starting 2022.

More information about the ICAR accreditation of genetic laboratories for parentage testing by STR and SNP markers are available [here](#)

For any information about ICAR and its accreditation of genetic laboratories, please address any enquiry to dna@icar.org