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DRAFT TANZANIA STANDARD

Biotechnology - Provenance information model for biological material and data - Part 1: Design concepts and general requirements

TANZANIA BUREAU OF STANDARDS

NATIONAL FOREWORD

The Tanzania Bureau of Standards is a statutory national standards body for Tanzania established under the Act.No.3 of 1975, amended by Act.No.2 of 2009.

This draft Tanzania Standard is being prepared by the Biotechnology Technical Committee, under supervision of Agriculture and Food Standards Divisional Committee (AFDC)

This draft Tanzania standard specifies a general concept for a provenance information model for biological material and data and requirements for provenance data interoperability and serialization. The provenance information model covers any information relevant to the quality and fitness for purpose of the biological material generated throughout the pre-analytical phase of the materials life cycle from collection to analysis, data originating from analytical procedures applied to the biological material and results from further mathematical processing of the data.

This draft Tanzania standard is applicable to organizations, authorities and industries that are:

- a) Collecting, processing or distributing biological material for research;
- b) Generating, collecting, analyzing or storing data on biological material.

This draft Tanzania standard does not apply to biological material and data used for other than research or in fields that are regulated by national, regional or international laws, such as medical diagnosis and therapy or food production.

This draft Tanzania standard is identical to the ISO 23494-1:2023 Biotechnology - Provenance information model for biological material and data - Part 1: Design concepts and general requirements, published by International Organization for Standardization.

TERMINOLOGY AND CONVENTIONS

This text of the international standards if found suitable, may be approved for application as a Tanzania Standard without deviations.

Some terminology and certain conventions are not identical with those used in Tanzania standards; attention is drawn especially to the following.

- 1) The comma has been used as a decimal marker for metric dimensions. In Tanzania standards, it is current practice to use a full point on the base line as the decimal marker.
- 2) Wherever the words “International Standard” appear, referring to this Standard they should read as “Tanzania Standard”.