



TBS/AFDC 11 (1612) DTZS/ ISO 22942-1:2021

## DRAFT TANZANIA STANDARD

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Molecular biomarker analysis - Isothermal polymerase chain reaction (isoPCR) methods - Part 1: General requirements

**TANZANIA BUREAU OF STANDARDS**

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## **0. 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 Tanzania Standard is being prepared by the Biotechnology Technical Committee, under supervision of Agriculture and Food Standards Divisional Committee (AFDC)

This Tanzania standard is identical to the ISO 22942-1:2021 Molecular biomarker analysis - Isothermal polymerase chain reaction (isoPCR) methods - Part 1: 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.

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.

Wherever the words “International Standard” appear, referring to this Standard they should read as “Tanzania Standard”.

## **1. SCOPE**

This Tanzania standard specifies general criteria for development, validation and use of nucleic acid analytical methods based on the isothermal polymerase chain reaction (isoPCR). It provides additional information and guidance for specific isoPCR technologies.

This Tanzania standard is applicable to food, feed, plant matrices and their propagules, plant pathogens, and animals in which amplification of a specific biomolecular target sequence is required.