



TBS/AFDC11 (5381) P3/ISO 21571:2005

DRAFT TANZANIA STANDARD

Foodstuffs - Methods of analysis for the detection of genetically modified organisms and derived products - Nucleic acid extraction

DRAFT FOR PUBLIC COMMENTS ONLY

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 provides general requirements and specific methods for DNA extraction/purification and quantitation. These methods are described in Annexes A and B.

This draft Tanzania standard is applicable for food matrices, but could also be applicable to other matrices, such as grains and feed.

This draft Tanzania standard has been designed as an integral part of nucleic-acid-based analytical methods, in particular on qualitative and quantitative analytical methods to ensure that comparable, accurate and reproducible results are obtained in different laboratories.

This draft Tanzania standard is identical to the ISO 21571:2005- Foodstuffs - Methods of analysis for the detection of genetically modified organisms and derived products - Nucleic acid extraction methods 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”.