



**TANZANIA BUREAU OF STANDARDS (TBS)**

**SHIRIKA LA VIWANGO TANZANIA**

**ISO 9001:2015 Certified**

**DATE**

**Tarehe**

**2020-12-23**

**REFERENCE**

**Kumbukumbu**

**TBS/AFDC/A-3/91**

*Member of the International Organization for Standardization (ISO), Codex Alimentarius Commission (WHO/FAO), Agent for ISO and other National Standards Bodies.*

All members of Board of Directors  
All relevant Ministries/Institutions/Organizations/Companies  
All members of Biotechnology Technical Committee (AFDC 11)  
Agriculture and food Division Committee (AFDC)

**RE: DRAFT TANZANIA STANDARDS FOR STAKEHOLDERS' COMMENTS**

Please refer to the heading above.

2. Tanzania Bureau of Standards (TBS) is in the process of developing standards on Biotechnology as indicated below:

1. AFDC 11 (265) CD3/ ISO/TS 21569-3:2020 Horizontal methods for molecular biomarker analysis - Methods of analysis for the detection of genetically modified organisms and derived products - Part 3: Construct-specific real-time PCR method for detection of P35S-pat-sequence for screening for genetically modified organisms.
2. AFDC 11 (266) CD3/ ISO/TS 21569-4:2016 -Horizontal methods for molecular biomarker analysis - Methods of analysis for the detection of GMO(s) and derived products - Part 4: Real-time PCR based screening methods for the detection of the P-nos and P-nos-nptII DNA sequences.
3. AFDC 11 (267) CD3/ ISO/TS 21569-5:2016 Horizontal methods for molecular biomarker analysis - Methods of analysis for the detection of genetically modified organisms and derived products - Part 5: Real-time PCR based screening method for the detection of the FMV promoter (P-FMV) DNA sequence.
4. AFDC 11 (268) CD3/ ISO/TS 21569-6:2016 Horizontal methods for molecular biomarker analysis -Methods of analysis for the detection of genetically modified organisms and derived products - Part 6: Real-time PCR based screening methods for the detection of cry1Ab/Ac and Pubi-cry DNA sequences.
5. AFDC 11 (269) CD3/ ISO 20387:2018 Biotechnology - Biobanking - General requirements for biobanking.
6. AFDC 11 (270) CD3/ ISO 20391-1:2018 Biotechnology - Cell counting - Part 1: General guidance on cell counting methods.
7. AFDC 11 (272) CD3/ ISO 20391-2:2019 Biotechnology - Cell counting - Part 2: Experimental design and statistical analysis to quantify counting method performance
8. AFDC 11 (278) CD3/ ISO 20395:2019 Biotechnology - Requirements for evaluating the performance of quantification methods for nucleic acid target sequences - qPCR and dPCR .

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**TBS LAKE ZONE**

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All correspondence should be addressed to the **DIRECTOR GENERAL**

**Darua zote ziandikwe kwa MKURUGENZI MKUU**

9. AFDC 11 (279) CD3/ ISO 20688-1:2020 Biotechnology - Nucleic acid synthesis - Part 1: Requirements for the production and quality control of synthesized oligonucleotides.
  10. AFDC 11 (351) CD3/ISO/TR 22758:2020 Biotechnology - Biobanking - Implementation guide for ISO 20387.
3. According to procedures for preparation of Tanzania Standard(s), the draft standards are hereby circulated for stakeholders' comments.
  4. Being one of the key stakeholders in standards development, we kindly request you to go through the draft standards and send your comments regarding its technical contents. Suggestion which entails revision of text should indicate the preferred wording and the relevant clause should be quoted against each comment. In case you find it suitable and no comments, please notify accordingly.
  5. Your comments can be submitted in electronic form or hard copy as per attached form.
  6. We will appreciate receiving your comments before **2021-02-25**.
  7. Thanking you in advance for your kind and continued cooperation.
  8. Yours Sincerely,



Lawrence Chenge

FOR: DIRECTOR GENERAL