CDC 6 (4927) DTZS /ISO 9696:2017

ICS 13.060.60

DRAFT TANZANIA STANDARD

Water quality — Gross alpha activity — Test method using thick source

Draft for public comments only

TANZANIA BUREAU OF STANDARDS

©TBS 2026-All rights reserved

1st Edition 2026

Water quality — Gross alpha activity — Test method using thick source

National foreword

This draft Tanzania Standard is identical to *ISO 9696:2017 Water quality — Gross alpha activity — Test method using thick source,* published by the International Organization for Standardization (ISO).

Terminologies and conventions

Some terminologies and certain conventions are not identical with those used as Tanzania standards; attention is drawn to the following:

The comma has been used as a decimal marker for metric dimensions. In Tanzania, 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 draft standard, they should read as “Tanzania Standard”.

Scope

This document specifies a method for the determination of gross alpha activity in non-saline waters for alpha-emitting radionuclides which are not volatile up to 350 °C.

The method is applicable to raw and potable waters.

The range of application depends on the amount of total soluble salts in the water and on the performance characteristics (background count rate and counting efficiency) of the counter.

It is the laboratory’s responsibility to ensure the suitability of this method for the water samples tested

Draft for public comments only