CDC 6 (4931) DTZS /ISO 9698:2019

ICS 13.060.60

DRAFT TANZANIA STANDARD

Water quality — Tritium — Test method using liquid scintillation counting

Draft for public comments only

TANZANIA BUREAU OF STANDARDS

©TBS 2026-All rights reserved

1st Edition 2026

Water quality — Tritium — Test method using liquid scintillation counting

National foreword

This draft Tanzania Standard is identical to *ISO 9698:2019 Water quality — Tritium — Test method using liquid scintillation counting,* 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 by liquid scintillation counting for the determination of tritium activity concentration in samples of marine waters, surface waters, ground waters, rain waters, drinking waters or of tritiated water ($[^3H]H_2O$) in effluents.

The method is not directly applicable to the analysis of organically bound tritium; its determination requires additional chemical processing of the sample (such as chemical oxidation or combustion).

Draft for public comments only