



DRAFT TANZANIA STANDARD

Infant formula and adult nutritionals - Determination of vitamin D by liquid chromatography-mass spectrometry

Draft for Stakeholders Comments

TANZANIA BUREAU OF STANDARDS

0 NATIONAL FOREWORD

0.1 The Tanzania Bureau of Standards is the statutory national standards body for Tanzania, established under the Act.No.3 of 1975, amended by Act.No of 2009.

This draft Tanzania standard is being prepared by the Nutrition and Foods for Special Dietary Uses Technical Committee, under the supervision of the Food and Agriculture Divisional Standards Committee (AFDC).

This draft Tanzania Standard is the identical adoption of ISO 20636:2018 Infant formula and adult nutritionals - Determination of vitamin D by liquid chromatography-mass spectrometry published by International Organization for Standardization.

0.2 Terminology and conventions.

The text of the International standard is hereby being recommended for approval without deviation for publication as draft Tanzania standard.

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

The comma has been used as decimal marker or metric dimensions. In Tanzania, its current practice to use a full point on the baseline as decimal marker.

Whenever the words "International Standard" appear, referring to this draft standard, they should read as "Tanzania Standard".

0.3 Scope

This document specifies a method for the quantitative determination of vitamin D₂ and/or vitamin D₃ in infant formula, and adult nutritionals in solid (i.e. powders) or liquid (i.e. ready-to-feed liquids and liquid concentrates) forms using liquid chromatography-mass spectrometry. The application range runs from 0,15 µg/100 g (limit of quantification) to 59 µg/100 g for vitamin D₂ and from 0,25 µg/100 g to 65 µg/100 g for vitamin D₃.