



DRAFT TANZANIA STANDARD

Tea - Determination of theanine in tea and instant tea in solid form using high-performance liquid chromatography

0 National foreword

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. 2 of 2009.

This draft Tanzania Standard is being prepared by the Tea Technical Committee, under the supervision of the Agriculture and Food Standards Divisional Committee (AFDC).

This draft Tanzania Standard is the identical adoption of ISO 19563:2017 Tea - Determination of theanine in tea and instant tea in solid form using high-performance liquid chromatography published by the International Organization for Standardization (ISO).

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 Standards; attention is drawn to the following:

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

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

1 scope

This standard specifies a high-performance liquid chromatographic (HPLC) method for the determination of theanine content in tea (*Camellia sinensis*).

It is applicable to both tea and instant tea samples.

Separation of L- and D-theanine is not possible using this method; however, the L-enantiomer is the major form in tea.