



DRAFT TANZANIA STANDARD

Spirits not covered by specific standards – Specification

TANZANIA BUREAU OF STANDARD

Spirits not covered by specific standards – Specification

0 Foreword

Spirits are alcoholic drinks produced by the distillation of fermented sugar or mashes of grains, fruits, vegetables, or other plant materials. Spirits are typically characterized by their regional identity, cultural heritage or innovative production methods.

Importation and production of spirits have significantly increased following trade liberalization. This Tanzania Standard has been developed in order to ensure safety and quality of spirits produced or traded within the country.

In the preparation of this Tanzania Standard assistance was drawn from:

Official Mexican Standard *NOM-006-SCFI-2012 Alcoholic beverages-tequila-Specifications* published in the Official Gazette of Mexico on June 15, 2012.

TZS 940: 2018 Brandy - Specification and *TZS 781: 2018 Whisky-Specification* published by the Tanzania Bureau of Standards.

In reporting the result of a test or analysis made in accordance with this Tanzania Standard, if the final value observed or calculated is to be rounded off, it shall be done in accordance with TZS 4 (see clause 2).

1 Scope

This Tanzania standard specifies requirements, sampling and test methods for spirits not covered by specific standards intended for human consumption.

This standard does not apply to gin, rum, potable spirit, vodka, whisky, liqueurs, brandy, neutral spirit and any other spirits which are covered by specific standards.

2 Normative References

The following referenced documents are indispensable for the application of this standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies:

CXS 192, *General standard for food additives*

CXS 193, *General Standard for Contaminants and Toxins in Food and Feed.*

TZS 4, *Rounding off numerical values*

TZS 109, *General principles of food hygiene — Code of practice*

TZS 471, *Methods of sampling and test for alcoholic beverages*

TZS 538, *Labelling of pre-packaged foods — General requirements*

3 Terms and definitions

For the purpose of this Tanzania Standard, the following terms and definitions shall apply:

3.1 spirits not covered by specific standards

alcoholic beverages distilled from fermented materials of agricultural origin, including agave pina, that does not fall under the established specific standards. These spirits may be produced using unconventional raw materials, processes and unique distillation techniques.

3.2 specific standards

spirit standards fall under established specific categories such as gin, rum, potable spirit, vodka, whisky, liqueurs, brandy, neutral spirit and any other specific spirits listed in the national standards catalogue.

3.3 spirit

alcoholic beverage produced by the distillation of fermented sugar or mash of grains, fruits, vegetables and other plant materials.

4 Requirements

4.1 General requirements

The product shall:

- a) possess the characteristic aroma associated with the product and free of foreign odour;
- b) be clear and free of particulate matter;
- c) be of characteristic colour; and
- d) have characteristic taste and free of foreign taste.

4.2 Specific requirements

The product shall comply with the specific requirements given in Table 1 when tested in accordance with the test methods specified therein;

Table 1 — Specific requirements for spirits not covered by specific standards

S/No.	Characteristic	Requirement	Test method
1	Ethanol content at 20°C, % v/v, min.	35	TZS 471
2	Volatile acids as acetic acid, mg/L of absolute alcohol, max.	2000	
3	Esters as ethyl acetate, mg/L of absolute alcohol, max.	2000	
4	Methanol, mg/ L of absolute alcohol, max.	3000	
5	Aldehydes as acetaldehyde, mg/L of absolute alcohol, max.	400	
6	Higher alcohols as amyl alcohol, mg/L of absolute alcohol, max.	5000	

5. Food additives

When food additives used in the product, they shall be in accordance with CXS 192.

6. Contaminants

6.1 Pesticide Residue

The product shall comply with those maximum residue limits established by the Codex Alimentarius Commission for this product.

6.2 Heavy metal

The product shall not contain heavy metal in excess of the limits stipulated in the CXS 193.

7. Hygiene

The product shall be produced and handled under hygienic conditions in accordance with TZS 109.

8. Packaging, marking and labelling

8.1 Packaging

The product shall be packed in suitable and hygienic food grade packaging materials and the volume of the package shall not be less than 200 mL.

8.2 Marking and labelling

8.2.1 Marking and labelling of the product shall be as prescribed in TZS 538. In addition to TZS 538, each container shall be suitably marked or labeled with the following information;

- a) name of the product;
- b) ethyl alcohol content (v/v);
- c) batch or code number;
- d) name, postal and physical address of the manufacturer/producer/bottler;
- e) net volume;
- f) manufacturer or registered product brand name and/or trade mark, if any;
- g) country of origin;
- h) list of ingredients in descending order;
- i) declaration of statutory warning and
- j) storage conditions

8.2.2 Each container may also be marked with the TBS Standards Mark of Quality.

NOTE – The TBS Standards Mark of Quality shall be used by the manufacturers only under licence from TBS. Particulars of conditions under which the licences are granted, may be obtained from TBS.

9. Sampling and tests

9.1 Sampling

Sampling shall be done in accordance with TZS 471.

9.2 Methods of test

Testing shall be done in accordance with TZS 471.

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