



EAS 142:2013
ICS 67.160.10

DRAFT EAST AFRICAN STANDARD

Vodka — Specification

EAST AFRICAN COMMUNITY

DEAS 142:2013

Foreword

Development of the East African Standards has been necessitated by the need for harmonizing requirements governing quality of products and services in the East African Community. It is envisaged that through harmonized standardization, trade barriers that are encountered when goods and services are exchanged within the Community will be removed.

In order to achieve this objective, the Community established an East African Standards Committee mandated to develop and issue East African Standards.

The Committee is composed of representatives of the National Standards Bodies in Partner States, together with the representatives from the private sectors and consumer organizations. Draft East African Standards are circulated to stakeholders through the National Standards Bodies in the Partner States. The comments received are discussed and incorporated before finalization of standards, in accordance with the procedures of the Community.

East African Standards are subject to review, to keep pace with technological advances. Users of the East African Standards are therefore expected to ensure that they always have the latest versions of the standards they are implementing.

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Vodka — Specification

1 Scope

This draft East African Standard prescribes the requirements and methods of test and sampling for vodka.

2 Normative references

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

EAS 12, *Drinking (potable) water — Specification*

EAS 38, *Labelling of pre-packaged foods — Specification*

EAS 39, *Hygiene for food and drink manufacturing industry — Code of practice for*

EAS 104, *Alcoholic beverages — Methods of sampling and test*

EAS 144, *Neutral spirit – Specification*

3 Terms and Definition

3.1

Vodka

is potable alcoholic beverage obtained by the treatment of grain, potato, molasses spirit or spirit from any other fermentable carbohydrate source, with charcoal or activated carbon so as to render the product without distinctive character, aroma or taste; but may be flavoured in accordance with Good Manufacturing Practice (GMP).

4 Composition and quality parameters

4.1

4.1 Ingredients

Neutral spirit conforming to EAS 144

Demineralised water conforming to relevant EAS

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4.2 Vodka shall comply with the quality requirements indicated as follows:

4.2.1 Vodka shall be free from any sediment or or extraneous matter.

4.2.2 The ethyl alcohol content in vodka shall not be less than 37.5 % by volume at 20 °C when determined in accordance with EAS 104, *Alcoholic beverages — Methods of sampling and test*.

4.2.3 The maximum limits in milligrams per litre for trace elements in the product shall comply with the requirements in Table 1.

Table 1 — Limits of heavy metal contaminants in vodka

Contaminant,	Maximum Limit mg/L
Arsenic	0.1
Iron	1.5
Lead	0.1

4.2.4 Vodka shall comply with the compositional requirements indicated in Table 2

Table 2 — Quality requirements for vodka(

SI No.	Characteristic	Requirement
i	Ethyl alcohol content, % (v/v), min.	37.5
ii	Total solids, mg/L , max	50
iii	Methyl alcohol, mg/L, max.	50
iv	Volatile acids as acetic acid, mg/L of absolute alcohol, max.	20
v	Esters as ethyl acetate, mg/L of absolute alcohol, max	100
vi	Higher alcohol as amyl alcohol, mg/L of absolute alcohol, max.	5
vii	Aldehydes as acetaldehyde, mg/ L of absolute alcohol, max.	20
viii	Furfural,	To pass test

4.2.5 Food additives

Conforming to EAS 103

5 Hygiene

The degree of cleanliness in respect of containers, premises of manufacture, persons engaged in the handling of the product and equipment shall meet the requirements of the EAS 39 *Code of practice for hygiene for food and drink manufacturing industries*.

6 Weights and measures

In the filling of the container, the contents of the products shall occupy not less than 90 % of the total volume capacity of the container.

7 Packaging and labelling

7.1 Packaging

Vodka shall be packaged in food grade containers, which protect the product from damage without reacting with the product.

7.2 Labeling

Labelling of vodka shall be done in accordance with the requirements of EAS 38 and shall include the following in each consumer unit:

- i) common name as 'vodka';
- ii) Name, physical location and address of manufacturer;
- iii) Ethyl alcohol content, % by volume;
- iv) List of ingredients in descending order of proportion by mass;
- v) Net contents in accordance with the weights and measures requirements;
- vi) A declaration by common name of any additives used;
- vii) Date of manufacture, batch identification number/code;
- ix) Country of origin.
- xi) Statutory warnings

8 Sampling and methods of test

Sampling and testing shall be carried out in accordance with EAS 104 *Alcoholic beverages — Methods of sampling and test*.

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