

**KENYA STANDARD**

**KS EAS 145: 2014**  
ICS 67.160.10

APPROVED  
2015-06-29

## **Gin — Specification**

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Second Edition 2015

# KS EAS 145: 2014

## TECHNICAL COMMITTEE REPRESENTATION

The following organizations were represented on the Technical Committee:

Ministry of Health — Public Health Department  
Government Chemist's Department  
London Distillers Ltd.  
(UDV) Kenya Ltd.  
Kenya Wine Agencies Ltd.  
East African Breweries Ltd.  
Keroche Industries Ltd.  
Africa Spirits Ltd.  
Institute of Packaging, Kenya  
Spectre International Ltd.  
Agro-Chemical (K) Ltd.  
National Campaign against Drug Abuse (NACADA)  
Consumer Information Network  
Weight and Measures Department  
Kenya Revenue Authority  
Kenya Bureau of Standards — Secretariat

## REVISION OF KENYA STANDARDS

In order to keep abreast of progress in industry, Kenya Standards shall be regularly reviewed. Suggestions for improvements to published standards, addressed to the Managing Director, Kenya Bureau of Standards, are welcome.

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# Gin — Specification

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# KS EAS 145: 2014

## NATIONAL FOREWORD

This Kenya Standard was prepared by the Alcoholic Beverages Technical Committee under the guidance of the Standards Projects Committee, and it is in accordance with the procedures of the Kenya Bureau of Standards.

This standard is identical with and has been reproduced from EAS 145, Gin — Specification, published by the East African Community (EAC). The National Standards Council has endorsed the adoption of the 2014 edition of this standard as a Kenya Standard.

For the purposes of this standard, the text of the East African Standard should be modified as follows:

### **a) Terminology**

The words 'this Kenya Standard' should replace the words 'this East African Standard', wherever they appear.

### **b) References**

The references to East African Standards should be replaced by references to the appropriate Kenya Standards, where they have been declared.



**EAS 145: 2014**

ICS 67.160.10

## **EAST AFRICAN STANDARD**

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### **Gin — Specification**

## **EAST AFRICAN COMMUNITY**

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## 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.

EAS 145 was prepared by Technical Committee EASC/TC 007, *Alcoholic and non-alcoholic beverages*.

This second edition cancels and replaces the first edition EAS 145:2000, which has been technically revised.





## Gin — Specification

### 1 Scope

This East African Standard specifies the requirements and methods of sampling and test for gin.

### 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.

CAC/GL 66, *Guidelines for the use of flavourings*

CODEX STAN 192, *Codex general standard for food additives*

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

EAS 38, *General standard for the labelling of pre-packaged foods*

EAS 39, *Hygiene in the food and drink industry — Code of practice*

EAS 100, *Food stuffs — Methods of determination of Lead*

EAS 144, *Neutral spirit — Specification*

EAS 123, *Distilled water — Specification*

### 3 Terms and definitions

For the purposes of this standard, the following terms and definitions shall apply.

#### **gin**

potable alcoholic liquors made from neutral spirit distillate or a mixture of distillates obtained from sugarcane products, cereals, starch from roots and tubers, and fermented by the action of yeast or a mixture of yeast and flavoured using flavours made from juniper berries and/or other aromatics

### 4 Requirements

#### 4.1 General requirements

The ingredients for gin shall include the following:

- a) neutral spirit conforming to EAS 144;
- b) distilled water conforming to EAS 123 or demineralised water; and

c) flavouring agent, if used, in accordance CAC/GL 66.

**4.2 General requirements**

**4.2.1** Gin shall be clear and shall not develop any turbidity on being diluted with water and shall be free from sediments or suspended matter of any type even at sub-zero temperature. Gin shall have the characteristic taste associated with the gin

**4.2.2** Gin shall be free from any ingredients injurious to health.

**4.3 Specific quality requirements**

When tested in accordance with EAS 104, gin shall comply with the requirements given in Table 1.

**Table 1 — Quality requirements for gin**

Characteristic	Requirement	Test method
Ethanol content, % v/v, at 20 °C, min.	37.5	EAS 104
Total solids, mg/L, max.	30	
Total acids as acetic acid, mg/L of absolute alcohol, max.	100	
Volatile acids as acetic acid, mg/L of absolute alcohol, max.	50	
Esters as ethyl acetate, mg/L of absolute alcohol, max.	30	
Higher alcohols as amyl alcohol, mg/L of absolute alcohol, max.	50	
Aldehydes as acetaldehyde, mg/L of absolute alcohol, max.	5	
Furfural	To pass the test	
Methanol, mg/ L, max.	50	

National deviation

*Ethanol content, % v/v, at 20 °C shall be 37.5 – 45.*

**5 Food additives**

Food additives may be used in the preparation of gin in accordance with CODEX STAN 192.

**6 Heavy metal contaminants**

When tested in accordance with EAS 100 the level of lead shall not exceed 0.01 mg/L.

**7 Hygiene**

Gin shall be manufactured and handled in a hygienic manner in accordance with EAS 39.

**8 Weights and measures**

The volume and fill of gin shall comply with the weights and measures regulations of Partner States or equivalent legislation.

## 9 Packaging

9.1 Gin shall be packaged in suitable food grade containers

### National deviation

***Gin shall be packaged in glass bottles of not less than 200 mL capacity.***

9.2 Gin shall be packaged for bulk delivery and storage in containers that shall prevent contamination of the product and preserve its safety and quality

## 10 Labelling

In addition to the requirements of EAS 38, the following specific labelling requirements shall apply and shall be legibly and indelibly marked:

- a) common name as 'Gin';
- b) name, physical location and address of manufacturer;
- c) ethyl alcohol content, % by volume;
- d) net content;
- e) a declaration by common name of any additives used;
- f) date of manufacture;
- g) batch identification number/code;
- h) country of origin; and
- i) statutory warnings.

## 11 Sampling and test

Sampling and testing of gin shall be done in accordance with respective clause of EAS 104.

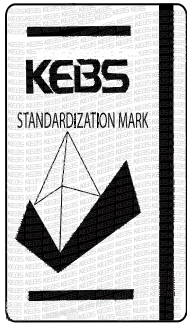




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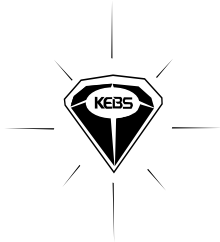
## KEBS CERTIFICATION MARKS

### 1. Product Certification Marks



KEBS Standardization Mark (S-Mark) is issued for use on products that comply with the minimum quality requirements prescribed in Kenya standards. It uses standards as a benchmark for quality compliance and aims at giving manufacturers improved market access and also giving consumers an assurance of quality for the products bearing the mark.

**Standardization Mark**  
SYMBOL FOR PRODUCT QUALITY



**Diamond Mark of Quality**  
SYMBOL FOR PRODUCT QUALITY EXCELLENCE



**Import Standardization Mark**  
SYMBOL FOR PRODUCT QUALITY

### 2. Systems Certification Marks



**ISO 9001 REGISTERED FIRM**  
QUALITY MANAGEMENT SYSTEM



**OCCUPATIONAL HEALTH AND SAFETY**  
OHSAS 18001 CERTIFIED



**ISO 14001 REGISTERED FIRM**  
ENVIRONMENTAL MANAGEMENT SYSTEM



**ISO 22000 REGISTERED FIRM**  
FOOD & SAFETY MANAGEMENT SYSTEM

## KEBS is mandated to provide Standardization, Metrology and Conformity Assessment Services through:

- Promotion of standardization in commerce and industry
- Provision of testing and calibration facilities
- Control of the use of standardization marks
- Undertaking educational work in standardization
- Facilitation of the implementation and practical application of standards
- Maintenance and dissemination of the International System of Units (SI) of measurements

## KEBS offers the following services:

- Standards development and harmonization
- Testing services
- Measurement services (Calibration)
- Enforcement of standards
- Product inspection services
- Education and Training in Standardization, Metrology and Conformity Assessment
- Product and Management Systems Certification Services

## INFORMATION ON STANDARDS

Standards are documents that provide a common reference point for the assessment of the quality of goods and services. Standards facilitate transparency in the exchange of products and enhance market access of Kenyan products into local, regional and international markets.

Information on standards and related documents is available at the KEBS standards information centre.

KEBS houses the WTO-TBT National Enquiry Point (NEP) which disseminates notification likely to affect international trade to the industry.

KEBS also provides technical advice on installation and improvement of quality goods and services to the industry so as to facilitate efficient implementation of standards. Some of the advantages of standards include: enhancement of quality assurance, safety and environmental protection measures, minimization of wastage, reduction of costs and unnecessary varieties and promotion of interchangeability and increased productivity in industry.

For further information please contact

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