



DRAFT TANZANIA STANDARD

Methods of sampling and test for crude and refined glycerine
Part 19: Assessment of odour

Draft Standard for Comment Only

TANZANIA BUREAU OF STANDARDS

Foreword

This Draft Tanzania Standard was prepared under the direction of Cosmetics and Cremeries Technical Committee, which is under the supervision of Chemicals Divisional Standards Committee.

For the purpose of deciding whether a particular requirement of this Tanzania Standard is complied with, the final value, observed or calculated, expressing the result of a test or an analysis, shall be rounded off in accordance with TZS 4 (see clause 2).

This second edition cancels and replaces the first edition (TZS 1199-19:2015), which has been technically revised.

Methods of sampling and test for crude and refined glycerine

Part 19: Assessment of odour

1 Scope

This Draft Tanzania Standard describes a method for assessing the odour of crude and refined glycerine.

2 Normative references

The following referenced document is indispensable for the application of this document:

TZS 1199 – 2: *Crude and refined glycerine — Methods of sampling and test Part 2: Methods of sampling*

3 Principle

Organoleptic examination of a test portion under prescribed conditions.

4 Apparatus

4.1 Water bath, capable of being maintained at 60 °C and at 100 °C.

4.2 Glass beaker, 50 mL.

4.3 Watch glass, to cover the beaker (see 4.2).

5 Sampling

Prepare the laboratory sample as described in TZS 1199 – 2 .

6 Procedure

6.1 For chemically pure glycerol, weigh to the nearest 0.5 g, 10 g of the sample into the beaker (see 4.2) and cover with the watch glass (see 4.3). Place the beaker on the water bath, maintain at 60 °C, for 10 min. After 10 min, remove the beaker from the water bath without disturbing its contents, remove the watch glass and immediately assess the odour of the contents. Assess the odour as mild and typical of glycerol and with or without detectable foreign odour.

6.2 For dynamite grade glycerol, proceed as described in 6.1 except that the water bath shall be maintained at 100 °C. Assess the odour as acrid or not acrid.

6.3 For technical glycerol, proceed as described in 6.1. Assess the odour as normal or abnormal.

NOTE – As in all organoleptic tests, it is preferable to have an assessment by several persons. The beaker should be returned to the water bath for heating as described in clause 6 before assessment by each person

7 Test report

7.1 Report the result as follows:

- a) Chemically pure glycerol, as both mild and typical of glycerol, with no detectable foreign odour or as with a detectable foreign odour.
- b) Dynamite grade glycerol, as 'acid' or 'not acid'.
- c) Technical glycerol, as 'normal' or 'abnormal'.

7.2 The test report shall include the following particulars:

- a) a reference to this Tanzania Standard;
- b) the result and method of expression used;
- c) any unusual features noticed during the test;
- d) any operation not included in this Tanzania Standard or regarded as optional.

Bibliography

TZS 1199-19:2015 *Methods of sampling and test for crude and refined glycerine Part 19: Assessment of odour*