
**Cork stoppers — Determination of
releasable 2, 4, 6-trichloroanisol (TCA)**

Bouchons en liège — Dosage du 2, 4, 6-trichloroanisol (TCA) relargable



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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ISO 20752 was prepared by Technical Committee ISO/TC 87, *Cork*.

Introduction

This method intends to simulate migration phenomena that may occur when cork stoppers are used to close wine bottles.

It consists of determining the releasable 2,4,6-trichloroanisole (TCA) based on an equilibrium between the solid (cork) and the liquid (hydro-alcoholic simulator) matrices, after submitting a sample of cork stoppers to a period of maceration in a hydro-alcoholic solution.

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Cork stoppers — Determination of releasable 2, 4, 6-trichloroanisol (TCA)

1 Scope

This International Standard specifies a test method to determine releasable 2,4,6-trichloroanisol (TCA) from cork stoppers.

This International Standard is applicable to all types of cork stoppers.

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.

ISO 633¹⁾, *Cork — Vocabulary*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 633, and the following, apply.

3.1

simulator

solution that intends to simulate the wine

3.2

internal standard

compound of known concentration added to a sample to facilitate the qualitative identification and/or quantitative determination of the sample components

4 Symbols and abbreviated terms

GC/ECD	Gas chromatography/electron-capture detector
GC/MS	Gas chromatography/mass spectrometry
SPME	Solid phase microextraction
TCA	2,4,6-Trichloroanisol

1) Under revision.