



EMDC2 DTZS
ISO16000-38 -2019

DRAFT TANZANIA STANDARD

Indoor air Part 38: Determination of amines in indoor and test chamber air Active sampling on samplers containing phosphoric acid impregnated filters.

Draft for public comments only

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0. National foreword

The Tanzania Bureau of Standards is the statutory national standards body for Tanzania, established under the Act.No.3 of 1975, amended by Act.No.2 of 2009.

This Draft Tanzania standard is being prepared by Air Quality Technical Committee, under the supervision of the Environmental Management Divisional Standards Committee (EMDC)

This Draft Tanzania Standard is identical to ISO 16000-38:2019 Indoor air Part 38: Determination of amines in indoor and test chamber air Active sampling on samplers containing phosphoric acid impregnated filters. published by the International Organization for Standardization (ISO)

Terminology and conventions

The text of the International Standard is hereby being recommended for approval without deviation for publication as draft Tanzania standard. Some terminology and certain conversion are not identical with those used in Tanzania Standards; attention is drawn to the following:

The comma (,) has been used as decimal marker for metric dimensions. In Tanzania, it is current practice to use a full point (.) on the baseline as a decimal marker.

Wherever the words "International Standard" appear, referring to this draft standard, they should read as "Tanzania Standard".

1.SCOPE

This document specifies a method for the determination of primary, secondary and tertiary aliphatic and aromatic amines in indoor air using accumulated sampling and high-performance liquid-chromatography (HPLC) coupled with tandem mass spectrometry (MS-MS) or high resolution mass spectrometry (HRMS). It specifies the sampling procedure for determining the mass concentration of amines as mean values by sampling the amines on phosphoric acid impregnated filters. The analytical procedure of the measurement method is covered by ISO 16000-39.