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DRAFT TANZANIA STANDARD

Water quality-Determination of selected monovalent phenols-Part 2: Method by derivatization and gas chromatography

Draft for public comments only

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Water quality-Determination of selected monovalent phenols-Part 2: Method by derivatization and gas chromatography

National foreword

This draft Tanzania Standard is identical to *ISO 8165-2:1999 Water quality -Determination of selected monovalent phenols-Part 2: Method by derivatization and gas chromatography,* published by the International Organization for Standardization (ISO).

Terminologies and conventions

Some terminologies and certain conventions are not identical with those used as Tanzania standards; attention is drawn to the following:

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

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

Scope

This part of ISO 8165 specifies a method for the determination of phenols by gas chromatography, following pentafluorobenzoyl chloride (PFBC) derivatization. It may in particular be applied to the examination of drinking water, ground water and moderately contaminated surface water. With this method, lower limits of detection may be obtained compared with extraction procedures.

Since other reactive compounds such as amines and in some cases, alcohols may also react, this method is not applicable in all cases to the examination of waste water. The applicability to the examination of waste water should be investigated for each individual case.

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