

**Vee kvaliteet - Hõljuvate tahkete osakeste sisalduse  
määramine - Läbi klaaskiudfiltrite filtreerimise meetod**

Water quality - Determination of suspended solids - Method  
by filtration through glass fibre filters

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 872:1999 sisaldab Euroopa standardi EN 872:1996 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 11.01.2000 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on .

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 872:1999 consists of the English text of the European standard EN 872:1996.

This standard is ratified with the order of Estonian Centre for Standardisation dated 11.01.2000 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

Date of Availability of the European standard text .

The standard is available from Estonian standardisation organisation.

ICS 13.060.60

Võtmesõnad: filtreerimine, filtrid, hõljuvaine, keemiline analüüs, klaaskiud, kvaliteet, puhastatud heitveed, reovesi, sisalduse määramine, veetestid, vesi,

Inglisekeelsed võtmesõnad: chemical analysis, determination of content, effluents, filters, filtration, glass fibres, quality, sewage, suspended matter, water, water tests,

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EUROPEAN STANDARD

EN 872

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 1996

ICS 13.060.40

Descriptors: water tests, water, effluents, sewage, quality, chemical analysis, determination of content, suspended matter, filtration, filters, glass fibres

English version

**Water quality - Determination of suspended solids  
- Method by filtration through glass fibre filters**

Qualité de l'eau - Dosage des matières en suspension - Méthode par filtration sur filtre en fibres de verre

Wasserbeschaffenheit - Bestimmung suspendierter Feststoffe - Verfahren durch Abtrennung mittels Glasfaserfilter

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**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

## Foreword

This European Standard has been prepared by the Technical Committee CEN/TC 230 "Water analysis", of which the secretariat is held by DIN.

This European Standard shall be given the status of a National Standard, either by publication of an identical text or by endorsement, at the latest by August 1996, and conflicting national standards shall be withdrawn at the latest by August 1996.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

Annex A is informative.

## 1 Scope

This European Standard describes a method for the determination of suspended solids in raw waters, waste waters and effluents by filtration through glass fibre filters. The lower limit of the determination is about 2 mg/l. No upper limit has been established.

Water samples are not always stable which means that the content of suspended solids depends on storage time, means of transportation, pH value and other circumstances. Results obtained with unstable samples should be interpreted with caution.

Floating oil and other immiscible organic liquids will interfere (see Annex A).

Samples containing more than about 1 000 mg/l of dissolved solids can require special treatment, see 8.6.

NOTE 1: The result of the determination depends to some extent on the type of filter used, see 5.2. It is therefore recommended that the type of filter is specified.

NOTE 2: The size distribution of particles in different samples can vary widely. Therefore there is no correlation between results obtained with filters of different pore width and no conversion factor can be given for the conversion of results obtained with one type of filter to another.

## 2 Normative References

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 25667-2 : 1993 Water Quality — Sampling — Part 2 : Guidance on Sampling Techniques (ISO 5667-2 : 1991)

ISO 6107-2 : 1989 Water quality — Vocabulary — Part 2

## 3 Definitions

For the purposes of this European Standard the following definitions apply:

### 3.1 Suspended solids

Solids removed by filtration or centrifuging under specified conditions [4.24.3 of ISO 6107 : 1989].

### 3.2 Dissolved solids

The substances remaining, after filtration and evaporation to dryness of a sample, under specified conditions [4.24.1 of ISO 6107-2 : 1989].