

**Products used for treatment of water  
intended for human consumption - Barite**

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12912:2005 sisaldab Euroopa standardi EN 12912:2005 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 25.11.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12912:2005 consists of the English text of the European standard EN 12912:2005.</p> <p>This document is endorsed on 25.11.2005 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b> This European Standard is applicable to barite used for treatment of water intended for human consumption. It describes the characteristics of barite and specifies the requirements and the corresponding test methods for barite and gives information on its use in water treatment.</p>	<p><b>Scope:</b> This European Standard is applicable to barite used for treatment of water intended for human consumption. It describes the characteristics of barite and specifies the requirements and the corresponding test methods for barite and gives information on its use in water treatment.</p>
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ICS 71.100.80

Võtmesõnad:

English Version

## Products used for treatment of water intended for human consumption - Barite

Produits utilisés pour le traitement de l'eau destinée à la consommation humaine - Baryte

Produkte zur Aufbereitung von Wasser für den menschlichen Gebrauch - Baryt

This European Standard was approved by CEN on 4 August 2005.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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## Foreword

This European Standard (EN 12912:2005) has been prepared by Technical Committee CEN/TC 164 "Water supply", the secretariat of which is held by AFNOR.

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 April 2006, and conflicting national standards shall be withdrawn at the latest by April 2006.

This European Standard supersedes EN 12912:1999.

Significant technical difference between this edition and EN 12912:1999 is as follows:

- a) Replacement of the reference to EU Directive 80/778/EEC of 15 July 1980 with the latest Directive in force (see [1]).

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

## Introduction

In respect of potential adverse effects on the quality of water intended for human consumption, caused by the product covered by this European Standard:

- a) this European Standard provides no information as to whether the product may be used without restriction in any of the Member States of the EU or EFTA ;
- b) it should be noted that, while awaiting the adoption of verifiable European criteria, existing national regulations concerning the use and/or the characteristics of this product remain in force.

NOTE Conformity with this European Standard does not confer or imply acceptance or approval of the product in any of the Member States of the EU or EFTA. The use of the product covered by this European Standard is subject to regulation or control by National Authorities.

## 1 Scope

This European Standard is applicable to barite used for treatment of water intended for human consumption. It describes the characteristics of barite and specifies the requirements and the corresponding test methods for barite and gives information on its use in water treatment.

## 2 Normative references

The following referenced documents are indispensable for the application of this European Standard. For dated references, only the edition cited applies. For undated references the latest edition of the referenced document (including any amendments) applies.

EN 12901:1999, *Products used for treatment of water intended for human consumption - Inorganic supporting and filtering materials – Definitions*

EN 12902, *Products used for treatment of water intended for human consumption - Inorganic supporting and filtering materials - Methods of test*

EN ISO 3696, *Water for analytical laboratory use - Specification and test methods (ISO 3696:1987)*

## 3 Terms, definitions and symbols

For the purposes of this European Standard, the terms, definitions and symbols given in EN 12901:1999 apply.

## 4 Description

### 4.1 Identification

#### 4.1.1 Chemical name

Barium sulfate.

#### 4.1.2 Synonym and common names

Barite, baryte, heavy spar, tiff, cawk.

#### 4.1.3 Chemical formula

BaSO<sub>4</sub>.

#### 4.1.4 CAS Registry number<sup>1)</sup>

13462-86-7.

#### 4.1.5 EINECS reference<sup>2)</sup>

236-664-5.

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<sup>1)</sup> Chemical Abstracts Service Registry Number.

<sup>2)</sup> European Inventory of Existing Commercial Chemical Substances.