

SRI LANKA STANDARD ISO 11734: 2017
(ISO 11734: 1995)
UDC 678.5

**WATER QUALITY- EVALUATION OF THE
“ULTIMATE” ANAEROBIC
BIODEGRADABILITY OF ORGANIC
COMPOUNDS IN DIGESTED SLUDGE -
METHOD BY MEASUREMENT OF THE
BIOGAS PRODUCTION**

SRI LANKA STANDARDS INSTITUTION

Sri Lanka Standard
WATER QUALITY- EVALUATION OF THE “ULTIMATE” ANAEROBIC
BIODEGRADABILITY OF ORGANIC COMPOUNDS IN DIGESTED SLUDGE-
METHOD BY MEASUREMENT OF THE BIOGAS PRODUCTION

SLS ISO 11734: 2017
(ISO 11734: 1995)

Gr. G

Copyright Reserved
SRI LANKA STANDARDS INSTITUTION
17, Victoria Place
Elvitigala Mawatha
Colombo - 08
Sri Lanka.

Sri Lanka Standard
WATER QUALITY- EVALUATION OF THE “ULTIMATE” ANAEROBIC
BIODEGRADABILITY OF ORGANIC COMPOUNDS IN DIGESTED SLUDGE-
METHOD BY MEASUREMENT OF THE BIOGAS PRODUCTION

NATIONAL FOREWORD

This Sri Lanka Standard was approved by the Sectoral Committee on Chemical and Polymer Technology and authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2017-12-04.

The text of the International Standard **ISO 11734: 1995** Water quality- evaluation of the “ultimate” anaerobic biodegradability of organic compounds in digested sludge- Method by measurement of the biogas production, has been accepted for adoption as a Sri Lanka Standard. This Standard specifies a screening method for the evaluation of the biodegradability of organic compounds at a given concentration by anaerobic microorganisms.

This Sri Lanka Standard is identical with **ISO 11734: 1995** Water quality- evaluation of the “ultimate” anaerobic biodegradability of organic compounds in digested sludge- Method by measurement of the biogas production, published by the International Organization for Standardization (ISO).

TERMINOLOGY AND CONVENTIONS

The text of the International Standard has been accepted as suitable for publication, without deviation, as a Sri Lanka Standard. However, certain terminology and conventions are not identical with those used in Sri Lanka Standards. Attention is therefore drawn to the following:

- a) Wherever the words “International Standard” appear referring to a particular Standards they should be interpreted as “Sri Lanka Standard”.
- b) Wherever page numbers are quoted, they are ISO page numbers.

INTERNATIONAL
STANDARD

ISO
11734

First edition
1995-12-15

**Water quality — Evaluation of the
“ultimate” anaerobic biodegradability of
organic compounds in digested sludge —
Method by measurement of the biogas
production**

*Qualité de l'eau — Évaluation de la biodégradabilité anaérobie «ultime»
des composés organiques dans les boues de digesteurs — Méthode par
mesurage de la production de biogaz*



Reference number
ISO 11734:1995(E)

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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 11734 was prepared by Technical Committee ISO/TC 147, *Water quality*, Subcommittee SC 5, *Biological methods*.

Annexes A, B, C and D of this International Standard are for information only.