

SRI LANKA STANDARD 516 PART 14 : 2015
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**METHODS OF TEST FOR
MICROBIOLOGY OF FOOD AND ANIMAL
FEEDING STUFFS
PART 14 –EXAMINATION FOR SPECIFIC ORGANISMS-
COLIFORMS AND *Escherichia coli* BY THE TRIPLICATE
TUBE DETECTION METHOD**

SRI LANKA STANDARDS INSTITUTION

Sri Lanka Standard
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***Escherichia coli* BY THE TRIPPLICATE TUBE DETECTION METHOD**

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METHODS OF TEST FOR MICROBIOLOGY OF FOOD AND ANIMAL FEEDING
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PART 14 –EXAMINATION FOR SPECIFIC ORGANISMS-COLIFORMS AND
Escherichia coli **BY THE TRIPPLICATE TUBE DETECTION METHOD**

FOREWORD

This Sri Lanka Standard was approved by the Sectoral Committee on Food Products and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2015-10-08.

In order to accommodate large number of test methods within the scope of one standard, this standard is published in several parts.

This method may be used when quantitative information about the number of organisms is not required.

The terms ‘normative’ and ‘informative’ have been used in the standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of the standard, where as ‘informative’ appendix is only for information and guidance.

In the preparation of this standard the valuable assistance gained from the Australian Standard AS 5013.9, published by Standards Australia Limited is gratefully acknowledged.

1 SCOPE

This Standard describes the method for the examination of foods for coliforms and *Escherichia coli* by the triplicate tube method. This is a qualitative test and is suitable for determining the presence or absence of coliforms and *E.coli* in a stated quantity of material under test.

2 REFERENCES

- Compendium of methods for the microbiological examination of foods, American Public Health Association, 2nd edition, 1984
- SLS 393 Code of practice for preparation of test samples, initial suspension and decimal dilutions for microbiological examination of food and animal feeding stuffs
 Part 1 General rules for the preparation of the initial suspensions and decimal dilutions
- SLS 516 Methods of test for microbiology of food and animal feeding stuffs
 Part 3 Horizontal Method for the detection and enumeration of coliforms,
 Section 1 Most probable number technique
 Part 12 Horizontal method for the detection and enumeration of presumptive
Escherichia coli - Most probable number technique
- SLS 1461 Microbiological test methods for water
 Part 1 Detection and enumeration of *Escherichia coli* and coliform bacteria,
 Section1 Membrane filtration method