

මහජන අදහස් සඳහා ප්‍රමිති කෙටුම්පත  
பொதுசனக் கருத்துரைக்கான கட்டளை வரைவு  
DRAFT STANDARD FOR PUBLIC COMMENT

(වෙනස්වීමට ඉඩ ඇත: திருத்தத்திற்குட்படக்கூடியது. Liable to alteration)

නිකුත් කළ දිනය  
வெளியீட்டுத் திகதி  
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අදහස් එවිය යුතු අවසාන දිනය  
அபிப்பிராயங்களை தெரிப்பதற்கான இறுதித்திகதி  
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} 2025-07-30



Draft Sri Lanka Standard  
METHODS OF TEST FOR MICROBIOLOGY OF FOOD AND ANIMAL FEEDING STUFF  
PART 5: HORIZONTAL METHOD FOR THE DETECTION, ENUMERATION AND SEROTYPING  
OF *SALMONELLA*  
SECTION 2: ENUMERATION BY A MINIATURIZED MOST PROBABLE NUMBER TECHNIQUE  
(DSLS 516 PART 5/ SECTION 2: ) (ISO/TS 6579-2: 2012)

ආහාර සහ සත්ව ආහාර ද්‍රව්‍යවල ක්ෂුද්‍රජීව විද්‍යාව සඳහා වූ පරීක්ෂණ ක්‍රම  
5 වන කොටස: සැල්මොනෙල්ලා හඳුනාගැනීම සඳහා වූ තිරස් ක්‍රමය, ගණනය කිරීම සහ ශ්‍රේණිගත කිරීම  
(SEROTYPING)  
2 වන අංශය: කුඩා කළ වඩාත්ම සම්භාවිතා සංඛ්‍යා තාක්ෂණයකින් ගණන් කිරීම පිළිබඳව වන  
ශ්‍රී ලංකා ප්‍රමිති කෙටුම්පත  
(ශ්‍රී ලංපු 516 Part 5/ Section 2 : ) (ISO/TS 6579-2: 2012)

මෙම කෙටුම්පත ශ්‍රී ලංකා ප්‍රමිතියක් ලෙස නොසැලකිය යුතු මෙන් ම භාවිතා නොකළ යුතු ද වේ.  
இவ்வரைவு இலங்கைக் கட்டளையெனக் கருதப்படவோ அன்றிப் பிரயோகிக்கப்படவோ கூடாது  
This draft should not be regarded or used as a Sri Lanka Standard.

අදහස් එවිය යුත්තේ : ශ්‍රී ලංකා ප්‍රමිති ආයතනය, 17, වික්ටෝරියා පෙදෙස, ඇල්විටිගල මාවත, කොළඹ 08.

Comments to be sent to: SRI LANKA STANDARDS INSTITUTION, 17, VICTORIA PLACE,  
ELVITIGALA MAWATHA, COLOMBO 08.

## නැඟිත්වීම

මෙම ශ්‍රී ලංකා ප්‍රමිති කෙටුම්පත , ශ්‍රී ලංකා ප්‍රමිති ආයතනය විසින් සකසන ලදුව, සියලුම උදෙසාගේ අංශ වලට තාක්ෂණික විවේචනය සඳහා යටත් ලැබේ.

අදාළ අංශ හා ර කමිටු මාර්ගයෙන් ආයතනයේ මහා මණ්ඩල වෙත ඉදිරිපත් කිරීමට පෙර , ලැබෙන සියලුම විවේචන ශ්‍රී ලංකා ප්‍රමිති ආයතනය විසින් සලකා බලා අවශ්‍ය වෙනත් කෙටුම්පත සංශෝධනය කරනු ලැබේ.

මෙම කෙටුම්පතට අදාළ යෝජනා හා විවේචන නියමිත දිනට පෙර ලැබෙන්නට සැලැස්වුවහොත් අගය කොට සලකනු, තවද, මෙම කෙටුම්පත පිළිගත හැකි බැව් හැඟෙන අය ඒ බව දන්වන්නේ නම් එය ආයතනයට උපකාරී වනු ඇත.

මේ පිළිබඳව එවන සියලුම ලිපි පහත සඳහන් ලිපිනයට එවිය යුතුය.

අධ්‍යක්ෂ ජනරාල්  
ශ්‍රී ලංකා ප්‍රමිති ආයතනය,  
17, වික්ටෝරියා පෙදෙස,  
ඇල්විගල මාවත,  
කොළඹ 08.

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## Introduction

This Draft Sri Lanka Standard has been prepared by the Sri Lanka Standards Institution and is now being circulated for technical comments to all interested parties.

All comments received will be considered by the SLSI and the draft if necessary, before submission to the Council of the Institution through the relevant Divisional Committee for final approval.

The Institution would appreciate any views on this draft which should be sent before the specified date. It would also be helpful if those who find the draft generally acceptable could kindly notify us accordingly.

All Communications should be addressed to:

The Director General  
Sri Lanka Standards Institution,  
17, Victoria Place,  
Elvitigala Mawatha,  
Colombo 08.

**Draft Sri Lanka Standard**  
**METHODS OF TEST FOR MICROBIOLOGY OF FOOD AND ANIMAL**  
**FEEDING STUFF**  
**PART 5: HORIZONTAL METHOD FOR THE DETECTION,**  
**ENUMERATION AND SEROTYPING OF *Salmonella***  
**Section 2: Enumeration by a miniaturized most probable number technique**

**DSLS 516 Part 5/ Section 2:**  
**(ISO/TS 6579-2: 2012)**

**Gr.**

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**Sri Lanka**

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**NATIONAL 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 .....

This Sri Lanka Standard is identical with **ISO/TS 6579-2: 2012**, Microbiology of food and animal feed - Horizontal method for the detection, enumeration and serotyping of *Salmonella* - Part 2: Enumeration by a miniaturized most probable number technique, which is published by the International Organization for Standardization (ISO).

This Standard gives a method for the enumeration of *Salmonella* spp. present in:

- products intended for human consumption and for the feeding of animals;
- environmental samples in food production and food handling;
- animal faeces;
- environmental samples from the primary production stage;

by calculation of the most probable number (MPN). The method is based on miniaturization of the dilution, pre-enrichment and selective enrichment steps. The selective enrichment medium, modified semi-solid Rappaport–Vassiliadis (MSRV), is intended for the detection of motile salmonellae and is not appropriate for the detection of non-motile salmonellae.

It is possible that the method is less appropriate to enumerate *Salmonella* ser. Typhi and *Salmonella* ser. Paratyphi.

The method is not appropriate for the enumeration of *Salmonella* spp. in (very) low contaminated samples (<1 cfu/g).

**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 this Standard, it should be interpreted as “Sri Lanka Standard”.
- b) The comma has been used throughout as a decimal marker. In Sri Lanka Standards it is the current practice to use the full point on the base line as the decimal marker.
- c) Wherever page numbers are quoted, they are ISO page numbers.

## CROSS REFERENCES

### International Standard

### Corresponding Sri Lanka Standard

ISO 6887 (all parts), Microbiology of the food chain — Preparation of test samples, initial suspension and decimal dilutions for microbiological examination

No corresponding Sri Lanka Standard

ISO 7218:2007, Microbiology of food and animal feeding stuffs — General requirements and guidance for microbiological examinations

SLS 1463, General requirements and guidance for microbiological examinations of food and animal feeding stuffs

ISO/TS 11133-1, Microbiology of food and animal feeding stuffs — Guidelines on preparation and production of culture media — Part 1: General guidelines on quality assurance for the preparation of culture media in the laboratory

No corresponding Sri Lanka Standard

ISO/TS 11133-2, Microbiology of food and animal feeding stuffs — Guidelines on preparation and production of culture media — Part 2: Practical guidelines on performance testing of culture media

No corresponding Sri Lanka Standard