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

(செனக்சேசெ ஒல ஆக, திருத்தத்திற்குட்படக்கூடியது. Liable to alteration)

නිකුත් කළ දිනය බොණිඩ්ටලිල් නිෂේ Date of Issue

2024-07-26

අදහස් එවියයුතු අවසාන දිනය ஃபிப்பிராயங்களை தெவிப்பதற்கான இறுதித்திகதி Latest Date for Receipt of Comments

2024-09-26



Draft Sri Lanka Standard METHODS OF TEST OF MILK AND MILK PRODUCTS – DETERMINATION OF ALKALINE PHOSPHATASE ACTIVITY – FLUORIMETRIC MICROPLATE METHOD (DSLS 735 Part 27 / Section 3:.....)

කිරි සහ කිරි නිෂ්පාදන සඳහා පරීක්ෂණ කුම - ක්ෂාරීය පොස්පටෙස් කියාකාරිත්වය නිර්ණය කිරීම - ෆ්ලෝරිමිතික ක්ෂුදු තැටි කුමය සඳහා වූ ශී ලංකා පුමිති කෙටුම්පත (ශීලංපු කෙටුම්පත 735 – 27 වන කොටස/3 කාණ්ඩය: ......)

මෙම කෙටුම්පත ශී ලංකා පුමිතියක් ලෙස තොසැලකිය යුතු මෙන් ම භාවිතා තොකළ යුතු ද වේ. இவ்வரைவு இலங்கைக் கட்டளையெனக் கருதப்படவோ அன்றிப் பிரயோகிக்கப்படவோ கூடாது This draft should not be regarded or used as a Sri Lanka Standard.

අදහස් එච්ය යුත්තේ : ශ්රී ලංකා පුමිති ආයතනය, 17, චික්ටෝරියා පෙදෙස, ඇල්විටිගල මාවත, කොළඹ 08,

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

#### හැඳින්වීම

මෙම ශ්‍රී ලංකා පුමිති කෙටුම්පත , ශ්‍රී ලංකා පුමිති ආයතනය විසින් සකසන ලදුව, සියලුම උදොග්ගී අංශ වලට තාකෘණික විවේචනය සඳහා යවතු ලැබේ.

අදාල අංග භාර කමිටු මාර්ගයෙන් ආයතනයේ මහා මණ්ඩල වෙත ඉදිරිපත් කිරීමට පෙර , ලැබෙන සියලුම විවේචන ශී ලංකා පුමිති ආයතනය විසින් සලකා බලා අවගා වෙතොත් කෙටුම්පත සංශෝධනය කරනු ලැබේ.

මෙම කෙටුම්පතට අදාල යෝජනා හා විවේචන නියමිත දිනට පෙර ලැබෙන්නට සැලැස්වුවහොත් අගය කොට සලකමු, තවද, මෙම කෙටුම්පත පිළිගත හැකි බැව හැගෙන අය ඒ බව දන්වන්නේ නම් එය ආයතනයට උපකාරී වනු ඇත.

මේ පිළිබඳව එවන සියලුම ලිපි පහත සඳහන් ලිපිනයට එවිය යුතුය.

ධෝකෂ ජනරාල් ශ්‍රී ලංකා පුමිති ආයතනය, 17, වික්ටෝරියා පෙදෙස, ඇල්ඩ්ටිගල මාවත, කොළඹ 08.

#### 

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 MILK AND MILK PRODUCTS PART 27: DETERMINATION OF ALKALINE PHOSPHATASE ACTIVITY Section 3: Fluorimetric microplate method

> DSLS 735 Part 27/Section 3: (ISO/TS 4985 | IDF/RM 255: 2023)

> > Gr.

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## Draft Sri Lanka Standard METHODS OF TEST FOR MILK AND MILK PRODUCTS PART 27: DETERMINATION OF ALKALINE PHOSPHATASE ACTIVITY Section 3: Fluorimetric microplate method

## 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 4985** | **IDF/RM 255: 2023**, Milk and dried milk products - Determination of alkaline phosphatase activity - Fluorimetric microplate method, which is published by the International Organization for Standardization (ISO) and the International Dairy Federation (IDF).

This Standard specifies a fluorimetric microplate method for the determination of alkaline phosphatase (ALP, EC 3.1.3.1) activity in raw and heat-treated whole milk, semi-skimmed milk, skimmed milk, cream, flavoured milks and cheeses. This method is applicable to milk and milk-based drinks from cows, sheep and goats. Although the method was not tested in milk from other species, it can also be applicable to milk from other species with a similar composition to cow, sheep or goat milk, such as milk from buffalo and camelids. It is also applicable to milk powder after reconstitution and soft, semi-hard and hard cheeses provided that the mould is only on the surface of the cheese and not also in the inner part (e.g. blue veined cheeses). For large hard cheeses, specific conditions of sampling apply.

### 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.