

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

(වෙනස්වීමට ඉඩ ඇත. திருத்தத்திற்குட்படக்கூடியது. Liable to alteration)

නිකුත් කළ දිනය
வெளியிடும் திகதி
Date of Issue

} 2024-07-26

අදහස් එවිය යුතු අවසාන දිනය
அபிப்பிராயங்களை தெளிப்பதற்கான 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 ක්‍රම - ක්ෂාරීය පොස්පටේස් ක්‍රියාකාරිත්වය නිර්ණය කිරීම - ෆ්ලෝරිමිතික
ක්ෂුද්‍ර තැටි ක්‍රමය සඳහා වූ ශ්‍රී ලංකා ප්‍රමිති කෙටුම්පත
(ශ්‍රී ලංකා කෙටුම්පත 735 - 27 වන කොටස/3 කාණ්ඩය:)

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.

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.