SRI LANKA STANDARD 1100 PART 4/ SECTION 1: 2018 (ISO 15774: 2017) UDC 641

METHODS OF TEST FOR HEAVY METALS IN FOOD PART 4 – DETERMINATION OF HEAVY METALS IN ANIMAL AND VEGETABLE FATS AND OILS SECTION 1: Determination of cadmium content by direct graphite furnace atomic absorption spectrometry

SRI LANKA STANDARDS INSTITUTION

Sri Lanka Standard METHODS OF TEST FOR HEAVY METALS IN FOOD PART 4 – DETERMINATION OF HEAVY METALS IN ANIMAL AND VEGETABLE FATS AND OILS

SECTION 1: Determination of cadmium content by direct graphite furnace atomic absorption spectrometry

SLS 1100 Part 4/ Section 1: 2018 (ISO 15774: 2017)

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SECTION 1: Determination of cadmium content by direct graphite furnace atomic absorption spectrometry

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 2018-08-10

In order to accommodate a number of methods within the scope of one Standard, this Standard is published in several parts.

This part of the Standard focuses on the test methods of heavy metals in animal and vegetable fats and oils and consists of two sections. This section is identical with **ISO 15774: 2017** Animal and vegetable fats and oils – Determination of cadmium content by direct graphite furnace atomic absorption spectrometry, published by the International Organization for Standardization (ISO).

This section of the Standard describes a method for the determination of trace amounts of cadmium in all types of crude or refined edible oils and fats. Milk and milk products (or fat coming from milk and milk products) are excluded from the scope of this part of the Standard.

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.

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(ISO 15774: 2017)

CROSS REFERENCES

International Standard

Corresponding Sri Lanka Standard

ISO 3696, Water for analytical laboratory use – Specification and test methods

No corresponding Sri Lanka Standard

INTERNATIONAL STANDARD

ISO 15774

Second edition 2017-02

Animal and vegetable fats and oils — Determination of cadmium content by direct graphite furnace atomic absorption spectrometry

Corps gras d'origines animale et végétale — Détermination de la teneur en cadmium par spectrométrie d'absorption atomique à four graphite



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