

**SLS ISO 18447: 2022**  
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**TEA — DETERMINATION OF  
THEAFLAVINS IN BLACK TEA METHOD  
USING HIGH PERFORMANCE LIQUID  
CHROMATOGRAPHY**

**SRI LANKA STANDARDS INSTITUTION**

**Sri Lanka Standard**  
**TEA — DETERMINATION OF THEAFLAVINS IN BLACK TEA METHOD**  
**USING HIGH PERFORMANCE LIQUID CHROMATOGRAPHY**

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**Sri Lanka Standard**  
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**USING HIGH PERFORMANCE LIQUID CHROMATOGRAPHY**

**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 2022-07-07

This document specifies a high performance liquid chromatography (HPLC) or ultra-high performance liquid chromatography (UHPLC) method for the determination of content of the four major theaflavins of tea.

This Sri Lanka Standard is identical with **ISO 18447 : 2021** Tea — Determination of theaflavins in black tea method using high performance liquid chromatography published by the International Organization for Standardization (ISO).

**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.

INTERNATIONAL  
STANDARD

**ISO**  
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**Tea — Determination of theaflavins  
in black tea — Method using high  
performance liquid chromatography**

*Thé — Détermination des théaflavines dans le thé noir — Méthode  
par chromatographie liquide à haute performance*



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## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 8, *Tea*.

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