

**SRI LANKA STANDARD 1100 : PART 3 : 1995**

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**METHODS OF TEST FOR HEAVY  
METALS IN FOOD  
PART 3 : ATOMIC ABSORPTION SPECTROPHOTOMETRIC  
METHOD FOR THE DETERMINATION OF TIN**

**SRI LANKA STANDARDS INSTITUTION**

**Sri Lanka Standard: SLS 1100**  
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**Gr. 5**

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**Sri Lanka Standard**  
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**FOREWORD**

This standard was approved by the Sectoral Committee on Agriculture and Food Technology - 2 and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 1995-11-23.

This part is one of the series of standards on determination of heavy metals in food using atomic absorption spectrophotometric methods.

This part of the standard consists of two sections as follows :

- Section 1 : Determination of tin in food other than canned foods.
- Section 2 : Determination of tin in canned foods.

In reporting the result of a test or an analysis made in accordance with this standard, if the final value, obtained or calculated is to be rounded off, it shall be done in accordance with CS 102.

In the preparation of this standard, the valuable assistance derived from the following publication is gratefully acknowledged:

Official Methods of Analysis of the Association of Official Analytical Chemists (AOAC) - 15th edition, 1990, 980.19 and 985.16

**1 SCOPE**

This part of the standard prescribes an atomic absorption spectrophotometric method for the determination of tin in food.

**2 REFERENCES**

- CS 102 Presentation of numerical values
- SLS 242 Methods for the destruction of organic matter