

**SRI LANKA STANDARD 1100 : PART 1 : 1995**

UDC 664/663 : 661.847:543.422.3

**METHODS OF TEST FOR HEAVY  
METALS IN FOOD**

**PART 1 : ATOMIC ABSORPTION SPECTROPHOTOMETRIC  
METHOD FOR THE DETERMINATION OF ZINC**

**SRI LANKA STANDARDS INSTITUTION**

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PART 1 : ATOMIC ABSORPTION SPECTROPHOTOMETRIC  
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**Gr. 5**

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METHODS OF TEST FOR HEAVY METALS IN FOOD  
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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 method.

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 publications is gratefully acknowledged:

- i) ISO 6636/2 - Fruits, vegetables and derived products - Determination of zinc content - Part 2 Atomic absorption spectrometric method
- ii) Official Methods of Analysis of the Association of Official Analytical Chemists (AOAC) - 15th edition, 1990, 969.32

**1 SCOPE**

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

**2 REFERENCES**

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