

**SRI LANKA STANDARD 1256 : PART 10 : 2004**  
**ISO 3856-1: 1984**

**METHODS OF**  
**TEST FOR PAINTS AND VARNISHES**  
**PART 10 : DETERMINATION OF SOLUBLE LEAD**

**SRI LANKA STANDARDS INSTITUTION**

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METHODS OF TEST FOR PAINTS AND VARNISHES  
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**SLS 1256 : Part 10 : 2004  
ISO 3856-1: 1984  
(Superceding SLS 535 : Part 2: 1981- Section 2.5)**

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**SRI LANKA STANDARD**  
**METHODS OF TEST FOR PAINTS AND VARNISHES**  
**PART 10 : DETERMINATION OF SOLUBLE LEAD**

**NATIONAL FOREWORD**

This Sri Lanka Standard was approved by the Sectoral Committee on Chemical and Polymer Technology and authorized for adoption and publication by the Council of the Sri Lanka Standards Institution on 2004-01-23.

This standard was published in 1981 which superceded CS 70 : 1969. In this revision each test method is given as a separate part in order to facilitate updating. This standard supercedes SLS 535 : Part 2 : 1981. Tests involving chemical examination of liquid paints and dried paint films, Section 2.5 Determination of soluble lead.

**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/publication’ appear referring to a particular standard, they 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 baseline as the decimal marker.

Attention is also drawn to the test temperature adopted in Sri Lanka which is  $27 \pm 0.5$  °C.

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# International Standard 3856/1

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## Paints and varnishes — Determination of “soluble” metal content — Part 1: Determination of lead content — Flame atomic absorption spectrometric method and dithizone spectrophotometric method

*Peintures et vernis — Détermination de la teneur en métaux «solubles» — Partie 1: Détermination de la teneur en plomb — Méthode par spectrométrie d'absorption atomique dans la flamme et méthode spectrophotométrique à la dithizone*

Third edition — 1984-12-15

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**Descriptors:** paints, varnishes, printing inks, pigments, chemical analysis, determination of content, soluble matter, lead, atomic absorption spectrometry, spectrophotometry.