

Amendment No: 02 approved on 2014-09-02 to SLS 534 : 1981

SRI LANKA STANDARD SPECIFICATION FOR COLOGNE

FOREWORD

Delete 4th paragraph and substitute the following.

“This specification is subject to the restrictions imposed under the cosmetics, Devices and Drugs Act No. 27 of 1980 and the Excise Act No. 13 of 1980 and the regulations framed thereunder.”

1 SCOPE

Delete the term ‘ethyl’ in the 2nd sentence.

2 REFERENCES

Delete 2nd line.

Delete “SLS 351 Rectified Spirit”

Insert the following at the end of the reference list.

“SLS 1221 Denatured Alcohol”

3 REQUIREMENTS

3.5 Alcohol content

Delete paragraph under Clause **3.5** and substitute the following.

“**3.5.1** Alcohol used shall be of pharmaceutical/ food grade and it shall be denature before used in accordance with **SLS 1221**. Methanol shall not be detected when tested in accordance with Method 02 of Appendix **A**.”

3.5.2 The alcohol content in the material shall not be less than 50 per cent (v/v) and not more than 90 per cent (v/v), when tested in accordance with Method 02 of Appendix **A** (See Note).

NOTE : Method 01 of Appendix **A** may be used if only Ethanol is used.

Delete paragraph under Clause **3.6**.

Insert Clause **3.6** as follows:

“3.6 pH

The pH value of cologne shall be 5.5 - 7.5 when tested as per the method prescribed in Appendix **B**.”

4 PACKAGING AND MARKING

4.2 Marking

Delete **4.2 d)** and substitute the following.

“d) Directions for use and statements such as :

“CAUTION : Avoid contact with mucous membranes, eyes and broken skin.”

“Do not apply on cuts, scratches or abrasions or on dermatitis skin or skin which is lanolin sensitive.”

“Keep out of reach of children”.

e) List of ingredients with type(s) of alcohols.

APPENDIX A

Delete the title “ **METHOD OF TEST FOR ETHANOL CONTENT IN COLONGNE**”

and insert the following:

“METHOD OF TEST FOR ALCOHOL CONTENT IN COLONGNE”

Delete the subtitle “**A.1 DETERMINATION OF ETHANOL CONTENT** ” and insert the following:

“A.1 METHOD 1 : SPECIFIC GRAVIMETRIC METHOD FOR THE DETERMINATION OF ETHANOL CONTENT”

Insert the following under **A.1 Table 2**.

“ A.2 METHOD 2 : GAS CHROMATOGRAPHY METHOD FOR THE DETERMINATION OF ALCOHOL CONTENT IN COLONGNE

A.2.1 Apparatus

A.2.1.1 Gas chromatography

A.2.3 Procedure

Carry out the chromatographic procedure using the standards solutions for alcohols declared in the cologne in a capillary column, maintaining the temperature conditions specified by the instrument (A.2.1.1).

A.2.4 Calculation

Calculate the per centage content of alcohol(s) from the areas of the peaks due to each alcohol in the chromatogram obtained with solution.”

Insert Appendix **B** at the end of Appendix **A** as follows.

“APPENDIX B DETERMINATION OF pH

B.1 APARATUS

B.1.1 pH meter equipped with combined electrodes

B.1.2 100-ml glass beaker

B.2 REAGENTS

B.2.1 pH 7.0 buffer solutions

B.2.2 pH 4.0 and pH 9.0 buffer solutions

B.2.3 Deionised / distilled water

B.3 PROCEDURE

Dip the combined electrode of this pH meter into 50 ml of 7.0 buffer solutions. Ensure the reading is 7.0. Rinse the electrode with deionised water and dip it into 50 ml of pH 4.0 buffer solutions. Ensure the reading is 4.0. Repeat using pH 9.0 buffer solutions.

Determine pH of the sample solution using the calibrated pH meter.”

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