

**AMENDMENT NO: 01 TO SLS 275 : 2006**  
**SRI LANKA STANDARD SPECIFICATION FOR TOOTHPASTE**

**EXPLANATORY NOTE**

Total fluoride given in Table 1 has been deleted and substituted with available Fluoride ion, since available fluoride is more relevant in consumers' point of view.

Therefore the requirement of Available Fluoride Ion in Table is given as 650 – 1150 mg/kg (for fluoridated toothpaste).

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**TABLE 1**

**Serial No. v)**

In Column (2), delete “Total fluoride, mg/kg, (for fluoridated toothpaste when packed) ” and substitute “Available Fluoride ion, mg/kg (for fluoridated toothpaste)” .

**Serial No. v)**

In Column (3), delete “850 – 1150” and substitute “650 – 1150”.

**CLAUSE 7 MARKING**

Delete b) and substitute the following ;

“Type of the product, and fluoride ion content in ppm for Type 1 toothpaste”.

**APPENDIX K**

Delete entirely paragraph 01 of Appendix K and substitute the following.

“This method has been specified in this appendix for the determination of available fluoride of toothpaste, containing fluoride or monofluorophosphate”.

**Clause K.4.5 Calculation**

Delete, paragraph of K.4.5 and substitute the following.

“ Read from the calibration curve the logarithm of fluoride concentration corresponding to E mV. Take its antilog to find the fluoride concentration in the solution measured. Let this be  $C_1$  mg/l for solution B and  $C_2$  mg/l for solution C. Free fluoride concentration in solution A =  $5C_1 = F_1$  mg/l. Total fluorine concentration in solution A =  $5C_2$  mg/l. Free (f) Fluoride in toothpaste =  $500 C_1/W$  mg/kg (p.p.m.). Total (t) available fluorine in toothpaste =  $500 C_2 / W$  mg/kg (p.p.m.). Available fluoride in toothpaste =  $500 (C_2 - C_1)/W$  mg/kg (p.p.m.)”.

**Clause A.4 CRITERIA FOR CONFORMITY**

Insert the following between Clause A.4.3 and Clause A.4.5.

“A.4.4 The test results on composite sample tested as in A.3.4 satisfy all the relevant requirements.”

**Clause 4 Types**

Delete, “Type 2 – non Fluoridated / Others” and substitute “Type 2 – Non Fluoridated.”