

AMENDMENT NO. 1 APPROVED ON 1987-10-08**SLS 759 : 1986 SPECIFICATION FOR CHLORINATED LIME
(BLEACHING POWDER) AND CALCIUM HYPOCHLORITE**

Page 7

Appendix D

Delete the existing Appendix and substitute the following :

D.1 APPARATUS**D.1.1** *Test tube*, dry clean tube of length about 150 mm and an internal diameter of about 25 mm.**D.1.2** *Air condenser*, consisting of a piece of glass tubing of length about 375 mm and an internal diameter of about 5 mm.**D.1.3** *Oven*, maintained at 100 ± 2 ° C.**D.2 REAGENTS**

as in C.1.

D.3 PROCEDURE

Weigh, to the nearest 0.001 g, approximately 15 g of the sample into the test tube (D.1.1). Attach the air condenser (D.1.2) by means of a rubber stopper in such a way that the tube extends about 12 mm beyond the stopper into the test tube. Incline the test tube at an angle of about 15 ° above the horizontal and rotate to loosen the material. Heat the apparatus for 2 hours in an oven (D.1.3) maintained at 100 ± 2 ° C. Detach the air condenser, close the test tube with a solid rubber stopper and allow the test tube and its contents to cool to room temperature.

Thoroughly mix the contents of the test tube and determine the available chlorine content, as given in C.2.

D.4 CALCULATION

Loss of available chlorine, on the basis of initial available chlorine, per cent by mass = $\frac{A - B}{A} \times 100$

where,

A = per cent by mass, of initial available chlorine; and
B = per cent by mass, of available chlorine after heating.'

