

## PLANTATION WHITE SUGAR - SPECIFICATION

**SCOPE**

This standard prescribes the requirements and the methods of sampling and test for plantation white sugar. This standard does not cover grading of plantation white sugar, which has already been covered in IS 498

**GRADES**

The number of grades and method of grading for plantation white sugar shall be in accordance with IS 498

**REQUIREMENTS**

Description: The material shall be crystalline, white, odourless and free from dirt, iron filings and other extraneous matter. The product shall also comply with the requirements given below.

- a) Loss on drying
- b) Polarization
- c) Reducing sugars
- d) Colour
- e) Conductivity ash
- f) Sulphur dioxide
- g) Lead

Plantation white sugar shall be manufactured, packed, stored and distributed under hygienic conditions (see IS 14350).

**Packing**

Plantation white sugar shall be packed in clean, sound and new jute bags (see IS 1943) or bags made of polypropylene (see IS 10910) or bags made of high density polyethylene (see IS 10146). The jute bags may be lined with polyethylene film. The mouth of each bag shall be either machine-stitched or rolled over and hand-stitched. If hand-stitched, the stitches shall be in two rows with at least 14 stitches in each row. In the case of smaller consumer packs, the product shall be packed in food grade plastics conforming to relevant Indian Standard or any other suitable non-toxic material.

**Marking**

1. Each bag/pack shall bear legibly and indelibly the following particulars:

- a) Name of the product;
- b) Name and address of manufacturer;
- c) Net weight of sugar in the bag;
- d) Month and year of manufacture;
- e) Batch or code number;

- f) The words 'Best before ' (month and year to be indicated); and
- g) Any other requirements as specified under the Standards of Weights and Measures (Packaged Commodities) Rules,1977 and Prevention of Food Adulteration Act, 1954 and Rules framed thereunder.'

2. In case of wholesale packages, the declaration of particulars as given under clause 7.1 (d) and (f) are optional.'