

**মালামালের কারিগরি বির্দনেশ (ডিপি-৫)**

**ASC SPECIFICATION NO. 94**

**IODIZED SALT**

**1. Description.** The salt shall be of good quality in the form of white crystalline powder of pleasant taste, clean and free from heavy metal and substantives injuries to health. When dissolved in water it shall produce a clear solution, containing not more than a trace of sediment.

**2. Packing.**

a. **Bags (Nylon Woven Bags).** Iodized salt to be supplied in plastic bags shall be heat sealed at both ends. Each plastic bags shall contain 12½/¼ KG net Iodized Salt. The plastic bags shall be secured in 25 KG Nylon Woven bags. One 25 KG Nylon Woven bags will contain 25/50/100 plastic bag. Each of Nylon Woven bags will be of 75 cm x 60 cm. The mouth of the bags shall be secured by machined stitched. The mouth of the Nylon Woven bags will be stitched as such so that 10 cm space is kept on the mouth of the bags. Each Nylon Woven bags shall contain 25 KG net Iodized salt. Ratio of 12, ½ and ¼ kg bags are 50%, 25% and 25% respectively.

b. **Bags (Twill Jute Trade Bags).** Iodized salt is to be supplied in plastic bags and shall be heated sealed at both ends. Each plastic bag shall contain 12 KG net Iodized salt. The plastic bags shall be secured in twill jute bags. The mouth of the bags shall be rolled over and securely stitched with strong 3 ply jute twin. Each twill jute bag shall contain 25 KG net Iodized salt.

**3. Marking.**

a. **Bags.** The following particulars shall be stenciled on the side of the bags:

- (1) Description of contents, i.e Iodized salt.
- (2) Name of Manufacture.
- (3) Date of Manufacture.
- (4) Net weight.
- (5) Gross Weight.
- (6) "USE NO HOOK" বা "হক লাগাবেন না" to be marked in 6 cm in red paint stencil ink horizontally and centrally about 25 cm upper edge of the bags.

**4. Chemical Content.** The Iodized salt shall contain one part of potassium Iodide to 40,000 part of sodium Chloride (Common Salt) to get 15-2021 PPM of available iodine. The sodium chloride used shall confirm as under:

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|---------------------|----------------------------|
| a. Sodium Chloride  | Not less than 96% percent. |
| b. Other Salts      | Not more than 1% percent   |
| c. Moisture         | Not more than 2% percent   |
| d. Insoluble Matter | Not more than 0.5% percent |
| e. Nitrates         | Nil                        |
| f. Available Iodine | 15-2021 PPM                |

**5. Analysis.** Method of analysis shall be those laid down by the Association of official Agricultural Chemist (A.O.A.C).

**6. Access Over Limit (Price Reduction):** Necessary price reduction (PR) will be done based on the following method:

- a. Full price reduction on access level of moisture over 2%.
- b. ¼ price reduction on Iodine below 15 PPM.
- c. ½ price reduction on access level of Insoluble matter over 0.5%.