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Edible salt

食用盐

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Edible salt

1 Scope

This Standard specifies terms and definitions, requirements, test methods, inspection rules, rules for determination, packaging, marks, transport and storage for edible salt.

This Standard is applicable to the edible salt that is made from sea water, underground brine, salt lake brine, sea salt, rock salt or lake salt. This Standard does not apply to low-sodium salt products. This Standard does not apply to salt products produced from other raw materials, especially chemical, light industry and other by-product salts.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB 2721, *Hygienic standard for salt*

GB 2760, *National Food Safety Standard - Standards for Uses of Food Additives*

GB 2762, *Maximum levels of contaminants in foods*

GB/T 5009.11, *Determination of total arsenic and abio-arsenic in food*

GB 5009.12, *Determination of lead in foods*

GB/T 5009.15, *Determination of cadmium in foods*

GB/T 5009.17, *Determination of Total Mercury and Organic-mercury in Foods*

GB/T 5009.42-2003, *Method for analysis of hygienic standard of table salt*

GB 7718, *National Food Safety Standard - Standard for nutrition labelling of prepackaged foods*

GB/T 8618-2001, *Sampling methods of the main products in the salt industry*

GB/T 13025.1, *General test method in salt industry - Determination of grain size*

GB/T 13025.2, *General test method in salt industry - Determination of whiteness*

GB/T 13025.3-2012, *General test method in salt industry - Determination of moisture*

GB/T 13025.4, *General test method in salt industry - Determination of insoluble matter*

GB/T 13025.5, *General test method in salt industry - Determination of chloride ion*

GB/T 13025.6, *General test method in salt industry - Determination of calcium and magnesium*

GB/T 13025.7, *General test method in salt industry - Determination of iodine*

GB/T 13025.8, *General test method in salt industry - Determination of sulfate*

GB/T 13025.9, *General test method in salt industry - Determination of lead*

GB/T 13025.10, *General test method in salt industry - Determination of ferrocyanide*

GB/T 13025.12, *General test method in salt industry - Determination of barium*

GB/T 13025.13, *General test method in salt industry - Determination of arsenic*

GB 26878, *National Food Safety Standard - Iodine Content in Edible Salt*

GB 28050, *Nutrition Label Standards of Pre-packaged Food*

Measures for the Metrological Supervision and Administration of Quantitative Package Commodities (General Administration of Quality Supervision, Inspection and Quarantine No. 75 [2005])

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1 refined salt

edible salt made by using brine or salt as raw materials, using vacuum

6 Inspection rules

The exit-factory inspection of products shall comply with the provisions of the “Food Safety Law” and shall be implemented in accordance with the following requirements.

6.1 Batching

The products of the same batch of raw materials, the same production line, of one-time delivery of the same grade produced by the same processing method, shall be one batch.

6.2 Sampling

For edible salt products that do not form a batch ($<100\text{kg}$), randomly sample over 800g samples. Divide into two portions evenly after mixing, one for testing and one for spare sample.

For that batch of ($\geq 100\text{kg}$) edible salt products, the sampling of iodine fortifier items is evenly distributed. Randomly draw 9 incremental samples. Each incremental sample shall not be less than 50g. Other items shall be implemented in accordance with the provisions of GB/T 8618-2001.

6.3 Exit-factory inspection

Each batch of products shall be inspected by the quality inspection department of the manufacturer. Inspection items include sensory requirements, physical-chemical indicators, food additives and nutritional fortifiers. The products can leave the factory only after the inspection items are conforming and the qualification certificate is attached.

6.4 Type inspection

Product type inspection includes all items required by this Standard. During normal production, it shall be no less than once every six months. Type inspection shall also be carried out in one of the following situations.

- a) when great changes in raw materials, production process, production equipment, production environment may affect product quality;
- b) when production is resumed after discontinued production for a long time;
- c) when there is great difference between exit-factory inspection results and previous type inspection results;
- d) when it is required by national quality supervision organization.

The product labels shall meet the requirements of GB 7718 and GB 28050. Small packages of iodized edible salt shall be affixed with the iodized salt logo.

8.2 Packaging

8.2.1 Packaging materials

The packaging materials in direct contact with the product shall meet the requirements of the corresponding national food safety standards and related hygiene standards.

8.2.2 Packaging measurement

Packaging measurement shall comply with the provisions of "Measures for the Supervision and Administration of Quantitative Packaging Commodities Measurement".

8.3 Transport

Transportation tools shall be clean, dry and pollution-free. Prevent rain, moisture and exposure during transportation. It shall not be mixed with goods that can cause product contamination.

8.4 Storage

The storage warehouse shall be clean and dry. It shall not be mixed with items that may contaminate the product. Prevent rain and moisture. Product storage shall be separated from the ground.

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