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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

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Acousto-optic crystals

声光晶体

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6 Inspection Rules

6.1 Inspection Classification Inspection is divided into factory inspection and type inspection. The inspection items are shown in Table 4.

6.2 Factory Inspection

6.2.1 Products must be inspected and approved by the manufacturer's quality inspection department and accompanied by a certificate of conformity before they can leave the factory.

6.2.2 The factory inspection items shall be inspected according to the factory inspection items listed in Table 4.

6.2.3 Sampling Plan. Each product shall be inspected according to the factory inspection items listed in Table 4 before leaving the factory.

6.3 Type Testing

6.3.1 Inspection Items Conduct the tests according to the type test items listed in Table 4.

6.3.2 Composition of a Batch Products manufactured under the same processing conditions constitute a batch.

6.3.3 Sampling Three items are randomly selected from the products that have passed the factory inspection; if the number of products is less than three, all of them are selected.

6.3.4 Type testing conditions Under the premise of ensuring product quality, type testing shall be conducted at least once every 6 months during normal production; however, type testing shall also be conducted under any of the following circumstances. Type testing should be conducted.

- a) When a new product is put into production;
- b) When there are significant changes in the preparation process that may affect product

quality;

- c) When there is a difference between the factory inspection results and the most recent type inspection results;
- d) Production has been suspended for more than six months;
- e) The customer requests the test;
- f) Circumstances required by the quality inspection department.

6.3.5 Judgment Rules The product shall be inspected according to the measurement methods specified in Chapter 5, and the results shall meet the technical requirements of the relevant clauses in Chapter 4. If the test results meet the requirements of this document, the product is deemed (qualified). If any product fails to meet the requirements, the sampling rate may be doubled from the same batch. The qualified items will be re-inspected. If all items pass the re-inspection, the product is qualified; if any item fails the re-inspection, the product is deemed unqualified. qualified.

7.1 Marking

7.1.1 The following information shall be noted on the certificate of conformity for products that have passed inspection.

- a) Product Name;
- b) Product model or marking;
- c) Product number;
- d) Name of the manufacturing unit;
- e) Other content that needs to be marked.

7.1.2 The packaging box should contain a product certificate of conformity and the main technical parameters of the product.

7.2 Packaging Product packaging should be sturdy, providing protection against pressure, shock, and moisture.

7.3 Transportation Products should be handled with care during transportation, and should not be squeezed. Measures such as shockproofing and moisture protection should be taken.

7.4 Storage It should be stored at room temperature in a non-corrosive, dry and well-ventilated environment.