

JIS

JAPANESE INDUSTRIAL STANDARD

Sterilized Plastic Petri Dishes

JIS K 0950—1988

Translated and Published

by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

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Sterilized Plastic Petri Dishes

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1. Scope

This Japanese Industrial Standard specifies the sterilized plastic Petri dishes, which are throwaway type, to be used for tissue culture, cell culture, and microorganism culture in the field relating to biotechnology.

Remark: The units and numerical values given in { } in this Standard are based on the traditional units and are appended for informative reference.

2. Definitions

The definitions used in this Standard shall conform to the following except those defined in JIS K 0114 and JIS K 0211.

- (1) sterilization To disinfect or remove all microorganism from the object referred to.
- (2) asepsis The condition in which proliferous microorganisms, especially bacteria, true fungi, and the like do not exist.
- (3) aseptic production The production under asepsis.
- (4) gamma-ray sterilization The sterilization carried out by gamma-ray irradiation from irradiation source containing radioactive isotope.
- (5) ethylene-oxide sterilization The sterilization carried out by the gas containing ethylene oxide.

3. Classification

- (1) Sterilized Product
 - (a) Those produced under gamma-ray sterilization
 - (b) Those produced under ethylene-oxide sterilization
- (2) Those Produced under Aseptic Condition

Applicable Standards: See page 8.

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4. Quality

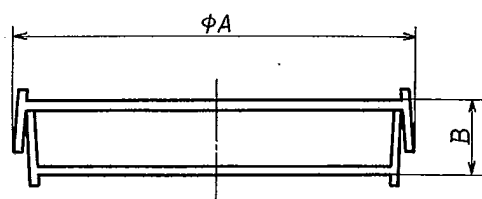
- (1) Material Plastic
- (2) Appearance The appearance shall be transparent, with uniform material filling, with no flaw nor crack, and with smooth surface.
- (3) Heat Resistance No unusualness shall be recognized after 6.1 Test Method for Heat Resistance is carried out.
- (4) Aseptic Condition There shall be free from any microorganism when 6.2 Test Method for Asepsis is carried out.
- (5) Residual Ethylene Oxide It shall give no influence to the nature of cells ⁽¹⁾.

Note ⁽¹⁾ Because the permissible value for residual ethylene oxide changes with the purpose of its use, the value shall conform to the agreement between the parties concerning delivery, and test method shall be in accordance with 6.3.

5. Shape and Dimensions

- 5.1 Shape Circular type with a cover, as shown in Fig. 1.

Fig. 1. Shape



A : Maximum outer diameter
of the cover (mm)
B : All height (mm)

- 5.2 Dimensions The dimensions shall conform to Table.

Table. Dimension ⁽²⁾

Unit: mm

Symbol	Maximum outer diameter of the cover (A)	All height (B)
40	40±4	10 ⁺⁴ ₀
60	60±4	15±2
90 A	90±4	15±2
90 B	90±4	20 ⁺³ ₋₂
100	100±5	20±3

Note ⁽²⁾ For the time being, the agreement between the parties concerning delivery may be applied.



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