

Technical Data Sheet

Doc No – Ab/TDS/Cryo-29

Rev No : 03 Date 11/2019

TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

Cryo Box, system – 100 Place PC

Valid for Catalog No. P20611, P20615

1. Description/Specification

1.1 Description:

Reusable PC (Polycarbonate) cryo box

Used in Ultra low temperature for both internal & External thread cryogenic vials

1.2 Design:

Square Box with Transparent Marked Lid.

1.3 Performance Specification:

1.3.1 Capacity: 2.0 ml x 100 Places

1.3.2 Universal fit for 1.8 ml & 2.0 ml Cryo Tube respectively.

1.4 Material:

1.4.1 Polycarbonate (PC)

1.4.2 Complies with requirement accordance with article of regulation (EC) No. 1907/2006 and its amendments, confirm US FDA 21 CFR.

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1.4.4 Complies with the requirement of European Pharmacopoeia, 7th edition (2011) & its supplements 7.5 (07/2012) monographs 3.2.2 Plastic Containers and closures for Pharmaceutical use.

1.4.5 The product has passed the USP testing including class VI tests & has been assigned the FDA Drug master file DMF 12123



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1.4.6 Materials has successful passed the biological tests according to ISO 10993 external communication devices for indirect blood contact for Prolonged period.

1.4.7 Free from heavy metals according to ELV Direction 2000/53/EC, EU CONEG & it's following amendments. It is safe use in contact with food stuff, Pharmaceuticals & drinking water.

1.5 Color:

Box : White, Yellow, Blue Color

Lid : Transparent (Natural) with Indication Mark for each Place which is printed on Top Lid

Intermediate Grill: White color, Blue color & Yellow color

Three colors available for better color coding

1.6 Sterilization:

Can be autoclaved at 15 psi, 121⁰C for 20 minutes

1.7 Quality control:

Testing of various characteristic in accordance with the valid Specification

1.8 Other information:

Writing surface has Number Square for easy sample identification

2. Basic Features

2.1 Made up of High pure virgin Polycarbonate (PC)

2.1 Temperature range: -196⁰C to +121⁰C (Can Withstand in the vapor Phase of liquid nitrogen)

2.2 Autoclavability: Yes, Autoclavable at 15 psi and 121⁰C for 20 minutes

2.3 Easy Reference: Transparent lids allow for easy viewing of samples & location

2.4 Self Draining: Each Box includes Drain hole in Base and Air vents in the Lid, Minimizing condensation.

2.5 Chemical resistance: See website.



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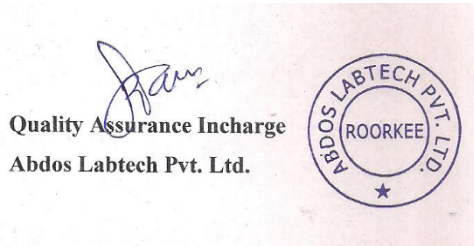
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Autoclaving Guideline for Plastics

All plastic consumables are autoclavable at 121⁰C for 20 minutes, 15 psi/1atm. Do not use a dry cycle as this may cause deformation or weakening of the plastic. Allow temperature within the autoclave to return to at least 50⁰C before removing product.



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