

Technical Data Sheet

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TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

Cell Strainers, PP

Valid for Catalog No. P21050, P21051, P21052

1. Description/Specification

1.1 Description: Cell Strainers, PP, DNase, RNase, Human DNA, ATP , Pyrogen Free,

1.2 Design: Cup shaped

1.3 Performance Specification:

1.3.1 ABDOS Cell strainers are manufactured from a strong medical grade nylon mesh with fine and even spaced pores used for isolating primary cells to suffice tissue culture technique for obtaining uniform single cell suspension from tissues.

1.3.2 These strainers are available in 3 mesh sizes : 40 µm, 70 µm and 100 µm with 3 different color codings for easy identification.

1.3.3 The frame of strainer is made of virgin Polypropylene with extended lip for easy handling.

1.3.4 These strainers provide ideal fitment with ABDOS 50 ml Centrifuge tubes.

Code	Pore Size (µm)	Colour	No. Per Case
P21050	40	Blue	50
P21051	70	White	50
P21051	100	Yellow	50

1.4 Material:

1.4.1 Made up with high impact Strength poly propylene

1.4.2 Complies with requirement accordance with article of regulation (EC) No. 1907/2006 and its amendments.

1.4.3 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.



Shiv Ganga Industrial Estate,
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A Division of Abdos

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CIN : U85100WB2008PTC123903

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

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

1.4.6 Free from Heavy metals, RoHS Free according to meets relevant requirements of EU regulations 1935/2004/CE, 2002/95/EC as amended, UE 10/2011 as amended. EU CONEG & it's following amendments. It is safe use in contact with food stuff, Pharmaceuticals & drinking water.

1.4.7 Product is manufactured without the use of Raw Materials of animal origin Therefore BSE/TSE issue does not concern this product to the best of our Knowledge. No materials containing latex or natural rubber are used in the Manufacturing, handling & packaging process for this product.

1.5 Color : Blue, White, Yellow

1.6 Sterilization:

Sterile catalog number from this lot have been pre-sterilizes and dosimetrically released based on ANSI/AAMI/ISO 11137 *Sterilization of healthcare products-Requirements for validation and routine control- Radiation sterilization*. The product has been sterilized with Co-60 Gamma Radiation. SAL 10^{-6}

1.7 Quality control:

Product are manufactured, inspected and found to be in compliance with product & quality specification requirements as documented in ISO 9001:2015 & 13485:2016 Quality Management System. Testing of various characteristics in accordance with the valid specification, inspection reviewed & signed for product release.

1.8 Basic Features

1.8.1 Made up of High pure virgin Polypropylene (PP)

1.8.2 Temperature range: -80°C to +121°C

1.8.3 Autoclavability: Yes, Autoclavable at 15 psi and 121°C for 20 minutes

1.8.4 Chemical resistance: See website (www.abdoslifesciences.com)

1.8.5 Manufactured in Clean room ISO Class 8 (100,000)



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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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