

Technical Data Sheet

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TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

Pipette Tips, Sterile Racked, PP

Valid for Cat. No. P10117, P10147, P10149, P10148, P10111, P10112, P10150, P10113, P10114, P10156, P10158, P10171, P10178

1. Description/Specification

1.1 Description:

1.1.1 Pipette Tips, Sterile Racked Tips, DNase, RNase, Human DNA, ATP & Pyrogen Free, CE & IVD certified.

1.1.2 Sterile by Gama Radiation.

1.2 Design:

Tip: Open Cylindrical Upper and conical Apex with orifice for liquid dispensing

Box: Rectangular Box with Transparent Top Cover with slip lock.

Removable Micro tip Tray Suitable to Work in a Robotic System.

Compatible for use with Multichannel Pipettes

Top cover mark A-H in Y-axis for easy discrimination.

1.3 Performance Specifications:

Code	Capacity (µl)	No./Case	Colour
P10117	0.1-10 (Graduated)	10Racksx96pcs	Natural
P10147	0.1-10 Extended (Graduated)	10Racksx96pcs	Natural
P10149	1-200 (Bevelled Graduated)	10Racksx96pcs	Yellow
P10148	1-200 (Bevelled Graduated)	10Racksx96pcs	Natural
P10111	1-200 (Ultra Point Tip Orifice)	10Racksx96pcs	Yellow
P10112	1-200 (Ultra Point Tip Orifice)	10Racksx96pcs	Natural
P10150	1-300 (Graduated)	10Racksx96pcs	Natural
P10113	100 – 1000ul	10Racksx96pcs	Blue
P10114	100 – 1000ul	10Racksx96pcs	Natural



Shiv Ganga Industrial Estate,
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P10156	100 – 1000ul XL	10Racksx96pcs	Natural
P10158	100 – 1250ul	10Racksx96pcs	Natural
P10171	1 – 5ml	6Racksx24pcs	Natural
P10178	500 – 10000ul	6Racksx24pcs	Natural

1.3.2 Fitting to pipettes: Universal Fit (For detail refer the Abdos compatibility chart)

1.4 Material:

1.4.1 Polypropylene (PP), Hydrophobic, confirm US FDA 21CFR

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.

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:

Tip Colour -Natural, Yellow and Blue

Wafer Colour - 10ul Green, 20 to 100ul Yellow, 200 to 300ul Orange, 1000ul Blue, 1000XL & 1250ul Light Blue

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*



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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 Other information:

Reusable, only box can be autoclavable up to 10 autoclave cycle

Tips are of single used only.

1.9. Basic Features:

1.9.1 Made up of : High Purity Virgin Polypropylene (PP)

1.9.2 Temperature range : -80°C to + 121°C for 20 minutes

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

1.9.4 Chemical resistance: see website (www.abdoslifesciences.com)

1.9.5 Retention: Best in its class. (with Acidic & Basic dyes)

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

Autoclaving Guideline for Plastics

All plastic consumables are autoclavable at 121°C 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 50°C before removing product.




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Quality Assurance Incharge
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