

TECHNICAL DATA SHEET

Doc No – Ab/TDS/CT-08
Rev No: 08 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
PureRight Individually Wrap Centrifuge Tubes, PP/HDPE

Valid For Cat. No. P10425, P10426, P10427, P10451, P10452, P10453

SRN (Single Registration Number): IN-MF-000022272

1. Description/Specification

1.1 Description:

Disposable PP/HDPE centrifuge tube, DNase, RNase, Human DNA, ATP & Pyrogen Free, CE & IVD certified

1.2 Design:

1.2.1 Tube: Cylindrical Upper and conical Bottom with self-stand (skirted) & Conical Bottom

1.2.2 Tube Cap: Separate Threaded HDPE Cap

1.3 Performance Specifications:

Code	Capacity (ml)	OD (mm)	Height (mm)	Sterile	Colour	No./Case
P10425	15	16.5	121	YES	Blue	600
P10451	15	16.5	121	YES	Red	600
P10426	50	29.2	116	YES	Blue	350
P10452	50	29.2	116	YES	Red	350
P10427	50	29.2	117.3	YES	Blue	350
P10453	50	29.2	117.3	YES	Red	350

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1.4 Material:

1.4.1 Tube - Polypropylene (PP) & Cap- High Density Polyethylene (HDPE) confirm US FDA 21CFR

1.4.2 The product complies with USP class VI. Free from Heavy metals, it is safe to use in contact with food stuff, Pharmaceuticals & drinking water.

1.4.3 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:

Tube color- Translucent (Natural)

Cap color- Blue/Red

1.6 Graduation and writing surface:

1.6.1 Large Printed Graduation

1.6.2 White Patch for easy writing on the tube

1.6.3 Printed Max Freze Level Indicator with Red Colour

1.6.5 Reverse Graduation

1.7 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}

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1.8 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.

1.9 Other information

Recommended for single use only

2. Basic Features

2.1 Temperature range: Tube:-80⁰C to +121⁰C

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

2.3 Centrifugation: 7000 RCF Self Stand & 18000 RCF Conical (Rated with Double Distilled water at 10⁰C for 30 minutes)

2.4 Leak Test at 635 mm Hg: No leakage

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

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

2.7 Intended use: Widely used in scientific studies of molecular biology, clinical chemistry, biochemistry and any type of scientific laboratory.

**Depending on the quality of Centrifuge and compatibility of Rotor.*

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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Instruction for Use

Product can be used for food contact also.
Storage temp. Max 30°C
Before using the product check crackness, pouch punctured etc.
Check all the information printed on pouches or boxes.
Always wear gloves while handling specimen.
Ensure all sample tubes are evenly filled
For each tube inserted in the rotor, add a tube of equal weight directly opposite it.

WARNING

DO NOT store strong oxidizing agents.
DO NOT place any plastic labware in a flame.
DO NOT mix any chemicals that may result in a thermic reaction, which can cause product failure
Wear a face shield and / or safety goggles if you have to work anywhere near a centrifuge that's in use.
Do not bump, jar, or move the centrifuge while the rotor is spinning. Make sure you don't have the cord dangling from a table edge where someone could catch their foot in it and pull down the centrifuge
Consult local fire codes prior to storage of flammable liquids.

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