

# TECHNICAL DATA SHEET

Doc No – Ab/TDS/CT-04  
Rev No: 11 Date- 05/2024-25

**Abdos Labtech Pvt. Ltd.**  
**Centrifuge Tubes Conical Bottom, PP/HDPE**

**Valid For Cat. No. P10401, P10402, P10403, P10404, P10405, P10406, P10407, P10408, P10430, P10444, P10442, P10441, P10431, P10443, P10405T, P10406T, P10407T, P10408T, P10464**

**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

1.2.2 Tube Cap: Separate Threaded HDPE Cap

### 1.3 Performance Specifications:

Code	Capacity (ml)	OD (mm)	Height (mm)	Sterile	Colour	No./Case
<b>P10430</b>	15 Bulk	16.5	121	NO	Blue	500
<b>P10401</b>	15	16.5	121	NO	Blue	500
<b>P10441</b>	15	16.5	121	NO	Red	500
<b>P10402</b>	15	16.5	121	YES	Blue	500
<b>P10442</b>	15	16.5	121	YES	Red	500
<b>P10431</b>	50 Bulk	29.2	116	NO	Blue	500

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<b>P10403</b>	50	29.2	116	NO	Blue	500
<b>P10443</b>	50	29.2	116	NO	Red	500
<b>P10404</b>	50	29.2	116	YES	Blue	500
<b>P10444</b>	50	29.2	116	YES	Red	500
<b>P10405</b>	15	16.5	121	NO	Tube-Amber, Cap - Blue	500
<b>P10406</b>	15	16.5	121	YES	Tube-Amber, Cap - Blue	500
<b>P10407</b>	50	29.2	116	NO	Tube-Amber, Cap - Blue	500
<b>P10408</b>	50	29.2	116	YES	Tube-Amber, Cap - Blue	500
<b>P10405T</b>	15	16.5	121	NO	TubeTr. Amber, Cap - Blue	500
<b>P10406T</b>	15	16.5	121	YES	Tube- Tr.Amber, Cap - Blue	500
<b>P10407T</b>	50	29.2	116	NO	Tube- Tr.Amber, Cap - Blue	500
<b>P10408T</b>	50	29.2	116	YES	Tube- Tr.Amber, Cap - Blue	500

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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) Amber and Tr.Amber,

**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 Freeze Level Indicator with Red Colour

1.6.4 Reverse Graduation

### **1.7 Sterilization:**

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

### **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

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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:-80<sup>0</sup>C to +121<sup>0</sup>C

**2.2 Autoclavability:** Yes, Autoclavable at 15 psi and 121<sup>0</sup>C for 20 minutes

**2.3 Centrifugation:** 18,000 RCF (15ml), 18,000 RCF (50ml conical)

**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](http://www.abdoslifesciences.com))

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

### Autoclaving Guideline for Plastics

All plastic consumables are autoclavable at 121<sup>0</sup>C for 20 minutes, 15 psi/1atm. Do not use cycle as this may cause deformation or weakening of the plastic. Allow temperature within the autoclave to return to at least 50<sup>0</sup>C before removing product.

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

*\*Transparent Amber Centrifuge tubes can be supplied upon request.*

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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.

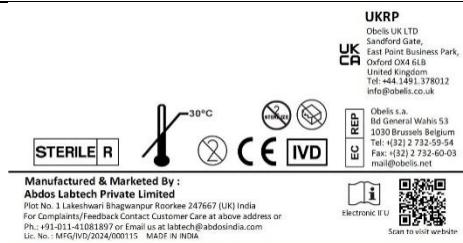
**DO NOT** place any plastic labware in a flame.

**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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Quality Manager  
Abdos Labtech Private Limited  
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