

# TECHNICAL DATA SHEET

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

**Abdos Labtech Pvt. Ltd.**  
**MaxiRCF Trace Metal Free Centrifuge Tubes, PP/HDPE**

**Valid For Cat. No. P10480, P10481, P10482, P10483, P10484, P10485, P10486, P10487, P10488, P10464**

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

## 1. Description/Specification

### 1.1 Description:

High Purity Virgin Polypropylene (PP) centrifuge tube, DNase, RNase, Human DNA, ATP, Pyrogen Free, Trace Heavy Metals Free, IVD & CE certified

### 1.2 Design:

1.2.1 Tube: Cylindrical Upper and conical Bottom/Self Stand

1.2.2 Tube Cap: Separate Threaded HDPE Cap

### 1.3 Performance Specifications:

Code	Capacity	Outer Diameter(mm)	Height (mm)	No./Case
P10480	15ml Bulk	16.5	121	500
P10481	15ml	16.5	121	500
P10482	15ml Sterile	16.5	121	500
P10483	50ml Bulk	29.2	116	500
P10484	50ml	29.2	116	500
P10485	50ml Sterile	29.2	116	500
P10486	50ml Self Stand (Bulk)	29.2	117.3	500

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<b>P10487</b>	50ml Self Stand	29.2	117.3	500
<b>P10488</b>	50ml Self Stand (Sterile)	29.2	117.3	500
<b>P10464</b>	50ml Conical Racked	29.2	116	500 (25x20)

### 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-** Natural

### 1.6 Graduation and writing surface:

1.6.1 Large Printed Graduation

1.6.2 White Patch for easy writing on the tube

### 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 control- Radiation sterilization*. The product has been sterilized with Co-60 Gamma Radiation. SAL  $10^{-6}$

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**1.8 Quality control:** Products 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**

**1.9.1** Recommended for single use only

**1.9.2** Pack Size: 500pieces/case

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

### **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:** 20,000 RCF (15ml), 20,000 RCF (50ml conical) & 7,000 RCF (50ml self stand)

**2.4 Leak Test at 635 mm Hg:** No leakage

**2.5 SAL** 10<sup>-6</sup>

**2.6 Chemical resistance:** See website, [www.abdoslifesciences.com](http://www.abdoslifesciences.com)

**2.7 Trace Metals included in testing are (≤1ppb):** Zinc, Iron, Boron, Copper, Manganese, Aluminum, Silicon, Nickel, Vanadium, Phosphorus, Cobalt, Chromium, Lithium, Selenium, Cadmium, Mercury, Arsenic & Lead, Silver (19)

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

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### **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.

### **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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<p><b>STERILE R</b></p> <p>30°C</p> <p>CE IVD</p> <p>EC REP</p>	<p><b>UKRP</b> Obelis UK LTD Sandford Gate, East Point Business Park, Oxford OX4 6LB United Kingdom Tel: +44 1491 378012 info@obelis.co.uk</p> <p><b>Obelis s.a.</b> Srl Generali Wallein 53 1030 Brussels Belgium Tel: +32 2 732-59-54 Fax: +32 2 732-60-03 mail@obelis.net</p>
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Quality Manager

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