

# Technical Data Sheet

Doc No – Ab/TDS/PCR-103

Rev No: 06 Date 04/2023-24

## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**AmpQlear™ PCR Tubes, PP**

**Valid for Cat. No. P10701, P10702**

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

### **1. Description/Specification**

#### **1.1 Description:**

1.1.1 PCR Tubes, PP, DNase, RNase, Human DNA, ATP & Pyrogen Free, IVD & ISO 18385 Certified

1.1.2 PCR tubes are made of high purity virgin USP Class VI Medical grade polypropylene (PP) conforming to US FDA 21 CFR, free from natural rubber and heavy metal.

1.1.3 Thin and uniform wall thickness to ensure optimal heat transfer reducing insulating effect.

1.1.4 Attached snap cap with lid. Caps available are in domed & flat shape. Snap cap ensures tight fit eliminating risk of sample evaporation. Flat caps are optically clear for real time qPCR.

#### **1.2 Design:**

1.2.1 Tube: Cylindrical upper and conical bottom

1.2.2 Tube cap: Attached Snap Cap with lid

1.2.3 Caps are optically clear for real time qPCR

#### **1.3 Performance Specification:**

<b>Code</b>	<b>Capacity (ml)</b>	<b>Type</b>	<b>Height (mm)</b>	<b>No. per Case</b>
<b>P10701</b>	0.2	Clear Flat Cap	21.50	1000(2x500)
<b>P10702</b>	0.2	Domed Cap	23.16	1000(2x500)

#### **1.4 Material:**

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



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**GST: 05AAGCA8605A1Z7**

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1.4.2 Complies with the requirement of European Pharmacopoeia, Plastic Containers and closures for Pharmaceutical use.

1.4.3 The product has passed the USP testing including class VI tests, Materials has successfully passed the biological tests according to ISO 10993 external communication devices for indirect blood contact for Prolonged period.

1.4.4 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 & its following amendments. It is safe use in contact with food stuff, Pharmaceuticals & drinking water

1.4.5 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:

Translucent (Natural)

## 1.6 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

## 1.7 Other information

1.7.1 DNase, RNase, DNA, Endotoxin and PCR inhibitor free.

1.7.2 Recommended for Single use only

1.7.3 Snap cap ensures tight fit eliminating risk of sample evaporation. Flat caps are optically clear for real time qPCR.

## 1.8 Basic Features

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

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

1.8.3 Manufactured in Aseptic Environment

1.8.4 Chemical resistance: see website ([www.abdoslifesciences.com](http://www.abdoslifesciences.com))

## Autoclaving Guideline for Plastics

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



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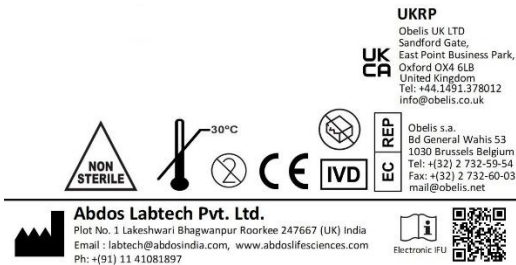
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## Instruction for Use

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.

## 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  
Consult local fire codes prior to storage of flammable liquids.



Quality Manager  
Abdos Labtech Private Limited  
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