

Technical Data Sheet

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TECHNICAL DATA SHEET

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

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
P10430	15 Bulk	16.5	121	NO	Blue	500
P10401	15	16.5	121	NO	Blue	500
P10441	15	16.5	121	NO	Red	500
P10402	15	16.5	121	YES	Blue	500
P10442	15	16.5	121	YES	Red	500
P10431	50 Bulk	29.2	116	NO	Blue	500
P10403	50	29.2	116	NO	Blue	500
P10443	50	29.2	116	NO	Red	500
P10404	50	29.2	116	YES	Blue	500
P10444	50	29.2	116	YES	Red	500
P10405	15	16.5	121	NO	Tube-Amber, Cap - Blue	500



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P10406	15	16.5	121	YES	Tube-Amber, Cap - Blue	500
P10407	50	29.2	116	NO	Tube-Amber, Cap - Blue	500
P10408	50	29.2	116	YES	Tube-Amber, Cap - Blue	500
P10405T	15	16.5	121	NO	TubeTr. Amber, Cap - Blue	500
P10406T	15	16.5	121	YES	Tube- Tr.Amber, Cap - Blue	500
P10407T	50	29.2	116	NO	Tube- Tr.Amber, Cap - Blue	500
P10408T	50	29.2	116	YES	Tube- Tr.Amber, Cap - Blue	500

1.4 Material:

1.4.1 **Tube:** Polypropylene (PP), Hydrophobic **Cap**-HDPE

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

1.4.3 Complies with requirement accordance with article of regulation (EC) No. 1907/2006 and its amendments.

1.4.4 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.

1.4.5 The product has passed the USP testing including class VI tests & has been assigned the FDA Drug master file DMF 12123

1.4.6 Materials has successful passed the biological tests according to ISO 10993 external communication devices for indirect blood contact for Prolonged period.

1.4.7 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

1.4.8 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.



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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

1.7 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 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°C to $+121^{\circ}\text{C}$

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

2.3 Centrifugation: 18,000 RCF (15ml), 20,000 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)

Autoclaving Guideline for Plastics

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



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