

# Technical Data Sheet

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Rev No : 04

## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**RIA Vials & caps**

**Valid for Cat. No. P10301, P10301A, P10301A1, P10303, P10303P, P10303Y, P10303BR, P10303B, P10303G**

**Cap – P10304, P10304A, P10304A1, P10307, P10302**

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

**1.1 Description:** Disposable Vials and Caps, DNase, RNase and Pyrogen Free

#### **1.2 Design:**

1.2.1 Vial: Cylindrical with Round Bottom

1.2.3 Cap: separate Cap

#### **1.3 Performance Specifications:**

**Ria Vial – 12 x 75 mm (P10301 – PP Natural, P10301A – PP-Amber, P10301A1-PP-Transparent Amber, P10303- PS Natural, P10303P- PS Pink, P10303Y- PS Yellow, P10303BR- PS Brown, P10303B- PS Blue, P10303G- PS Green)**

**Ria Vial Cap – (P10304 – HDPE, P10304A-HDPE Amber, P10304A1-HDPE Transparent Amber, P10307-PP, P10302- LDPE)**

1.3.1 Volume : 5.3 ml  $\pm$  0.1ml

1.3.2 Size : 12 x 75 mm      Cap Size : 12mm ( $\phi$ )

#### **1.4 Material:**

1.4.1 Vial Made up of Hydrophobic Polypropylene (PP, **P10301, P10301A, P10301A1**) and Polystyrene (PS, **P10303**), Cap made up HDPE

1.4.2 Complies with requirement of Directive 2002/72/EC and requirement of FDA Regulation 21 CFR 177.1520. olefins polymers.

1.4.3 Polystyrene meet the standards of the U.S Food and Drug Administration, The European Commission/European Food Safety Authority and Hong Kong Food and environmental Hygiene Department for use In Packaging to store and serve food.



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1.4.4 Complies with the requirement of Indian Standard IS: 10910 on “Specification for Polypropylene and its copolymer for its safe use in contact with food stuffs, Pharmaceutical and Drinking water”

1.4.5 Free from heavy metals according to ELV directive 2000/53/EC and its following amendments.

## 1.5 Color:

**P10301** –PP- Transparent

**P10301A**- PP- Amber

**P10301A1** – PP – Transparent Amber

**P10303** – PS- Glass Clear Transparent

**P10303P** – PS- Pink

**P10303 Y** – PS- Yellow

**P10303BR** – PS- Brown

**P10303B** – PS- Blue    **P10303G** – PS- Green

**P10304 (cap)**- HDPE -White

**P10304A (Cap)** – HDPE -Amber

## 1.6 Quality control:

DNase, RNase, and Pyrogen Free

Testing of various characteristics in accordance with the valid Specification

## 1.7 Other information

Recommended for single use only

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

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

## 1.8. Basic Features

**1.8.1 Temperature range:** Tube:-80<sup>0</sup>C to +121<sup>0</sup>C for **PP**

Tube : 10<sup>0</sup>C + 90<sup>0</sup>C for **PS**

**1.8.2 Autoclavability:** Only **PP** is Autoclavable at 15 psi and 121<sup>0</sup>C for 20 minutes

**1.8.3 Centrifugation:** **PP**-3,000 RCF, **PS** – 1400 RCF (With Distilled water at 25<sup>0</sup>C)

**1.8.3 Leak Test at 400 mm Hg:** No leakage


**1.8.4 Chemical resistance:** See website.

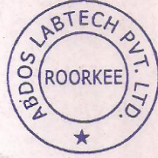
## Autoclaving Guideline for Plastics

All plastic consumables are autoclavable at 121<sup>0</sup>C 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 50<sup>0</sup>C before removing product.



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