

Technical Data Sheet

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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 Natural, P10302- LDPE Natural)

1.3.1 Volume : 5.3 ml \pm 0.1ml

1.3.2 Size : 12 x 75 mm Cap Size : 12mm (ϕ)

1.4 Material:

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

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.



Shiv Ganga Industrial Estate,
Plot no. 1 Lakeshwari, Bhagwanpur,
Roorkee - 247667 Uttrakhand, India
An ISO 9001:2008 Company
A Division of Abdos

Regd. Office :
13A, Government Place (East)
Kolkata – 700069, India
CIN : U85100WB2008PTC123903

P : +91 (0) 1332 235277
E : info@abdoslabware.com
W : www.abdoslabware.com

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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:-80⁰C to +121⁰C for **PP**

Tube : 10⁰C + 90⁰C for **PS**

1.8.2 Autoclavability: Only **PP** is Autoclavable at 15 psi and 121⁰C for 20 minutes

1.8.3 Centrifugation: **PP**-3,000 RCF, **PS** – 1400 RCF (With Distilled water at 25⁰C)

1.8.3 Leak Test at 400 mm Hg: No leakage


1.8.4 Chemical resistance: See website.

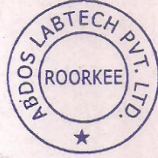
Autoclaving Guideline for Plastics

All plastic consumables are autoclavable at 121⁰C 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 50⁰C before removing product.



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Quality Assurance Incharge
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