

Technical Data Sheet

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TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

RIA Vials & caps (12x40)

Valid for Cat. No. Vial- P10305, P10305A, P10305A1, P10306,

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 40 mm (P10305 – PP Natural, P10305A – PP-Amber, P10305A1-PP-Transparent Amber, P10306- PS Natural)

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

1.3.1 Volume : 2.8 ml \pm 0.1ml

1.3.2 Size : 12 x 40 mm Cap Size : 12mm (ϕ)

1.4 Material:

1.4.1 Vial Made up of Hydrophobic Polypropylene (PP, **P10305**) and Polystyrene (PS, **P10306**), 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 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”

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



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1.4.5 PS- Material is stable and inert in normal handling & storage conditions.

1.5 Color:

PP – Translucent, and PS- Glass Clear Transparent

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
pieces/case

Cap Pack Size: 500

1.8 Basic Features

1.8.1 Temperature range: Tube: -80°C to $+121^{\circ}\text{C}$ for **PP**

Tube : 10°C + 90°C for **PS**

1.8.2 Autoclavability: Only **PP** is Autoclavable at 15 psi and 121°C for 20 minutes

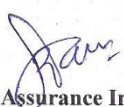
1.8.3 Centrifugation: **PP**-3,000 RCF, **PS** – 1400 RCF (With Distilled water at 25°C)

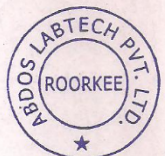
1.8.3 Leak Test at 400 mm Hg: No leakage

1.8.4 Chemical resistance: See website.

Autoclaving Guideline for Plastics (Only for PP RIA Vial)

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


Quality Assurance Incharge
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