

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,

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)

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 (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

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.

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”



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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

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
pieces/case

Cap Pack Size: 500

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.


Quality Assurance Incharge
Abdos Labtech Pvt. Ltd.



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