

TECHNICAL DATA SHEET

Doc No – Ab/TDS/Cryo-24
Rev No: 10 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
Freezing Tubes, PP

Valid for Cat. No. P60102, P60103, P60102NP, P60102NPNS

SRN (Single Registration Number): IN-MF-000022272

1. Description/Specification

1.1 Description: Freezing Tubes, DNase, RNase, Human DNA, ATP & Pyrogen Free, IVD certified

1.2 Design:

1.2.1 Vials: Cylindrical External Threads with skirted foot (PP)

1.2.3 Cap: Assembled (HDPE)

1.3 Performance Specifications:

1.3.1 Vial Volume: 1.8 ml and 4.5 ± 0.1 ml

1.3.2 Vial Size : (OD) 11.80 x (H) 45.7 mm (P60102), 11.80 x 86.5 mm (P60103),

Cap Size : 13.2 mm (ϕ)

P60102NP – without print Sterile (2pouchx500pcs) = 1000pcs/case

P60102NPNS – without print non-sterile (2pouchx500pcs) = 1000pcs/case

Code	Capacity (ml)	Outer Diameter (mm)	Height	No. Per Case	Self- Standing	Bottom	Brimful Capacity (Approx ml)
P60102	1.8	11.80	45.7	1000(25x40)	Yes	Skirted	2.80
P60103	4.5	11.80	86.5	500 (10x50)	Yes	Skirted	5.30

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1.3.3 Graduation and writing surface:

1.3.3.1 Large Printed Graduation

1.3.3.2 White Patch for easy writing on the tube

1.4 Material:

1.4.1 **Tube:** Polypropylene (PP), Hydrophobic **Cap**-HDPE, confirm US FDA 21CFR

1.4.2 The product complies with USP class VI. Free from Heavy metals, it is safe to use in contact with food stuff, Pharmaceuticals & drinking water.

1.4.3 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.

1.5 Color:

Translucent (Natural)

1.6 Sterilization:

Sterile catalog number from this lot have been pre-sterilizes and dosimetrically released based on ANSI/AAMI/ISO 11137 *Sterilization of healthcare products-Requirements for validation and routine control- Radiation sterilization*. The product has been sterilized with Co-60 Gamma Radiation. SAL 10^{-6}

1.7 Quality control:

Products 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.

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1.8 Other information:

Recommended for single use only

Vial Pack Size: 1000 pieces/case (P60102) & 500 pieces/case (P60103)

2. Basic Features

2.1 Temperature range: Tube: -80 °C to + 121 °C (Can withstand in liquid nitrogen with standard procedure, recommended to store in vapor phase of liquid nitrogen).

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

2.3 Leak Test at 635 mm Hg with Cap fitted: No leakage

2.4 Manufactured in Clean room ISO Class 8 (100,000)

2.5 Chemical resistance: see website (www.abdoslifesciences.com)

2.6 Intended use: Widely used in scientific studies of molecular biology, clinical chemistry, biochemistry and any type of scientific laboratory.

Autoclaving Guideline for Plastics

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.

Instruction for Use

Product can be used for food contact also.

Storage temp. Max 30°C

Before using the product check crackness, pouch punctured etc.

Check all the information printed on pouches or boxes.

Always wear gloves while handling specimen.

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WARNING


DO NOT store strong oxidizing agents.
DO NOT place any plastic labware in a flame.
DO NOT mix any chemicals that may result in a thermic reaction, which can cause product failure
Consult local fire codes prior to storage of flammable liquids.

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Abdos Labtech Pvt. Ltd.
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Quality Manager
Abdos Labtech Private Limited
Employee Code 30110



P60102

P60103