

TECHNICAL DATA SHEET

Doc No – Ab/TDS/ GLP-161
Rev No: 04 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
Volumetric Flask – TPX Class B

Valid for Catalog No. P50101, P50102, P50103, P50104, P50105, P50106

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

1. Description/Specification

1.1 Description: TPX Volumetric Flask

- 1.1.1 These Flasks are made from Glass like TPX offering excellent clarity.
- 1.1.2 These Volumetric Flask Come with polypropylene stopper.
- 1.1.3 Meet accuracy requirements of class B under “ISO 1042”.
- 1.1.4 Supplied with conformity test certificate that indicates batch number & year of Production.
- 1.1.4 These flasks are recommended to be washed at max 60°C.

1.2 Design: Volumetric Flask

1.3. Performance Specifications:

Code	Capacity (ml)	Error limit (\pm ml)	Bulb Dia (mm)	Height with Stopper (mm)	Neck Size	No./Case
P50101	25	0.08	40	115	10/19	1
P50102	50	0.12	50	150	12/21	1
P50103	100	0.20	60	180	14/23	1
P50104	250	0.30	80	235	19/26	1
P50105	500	0.50	100	270	19/26	1
P50106	1000	0.80	125	310	24/29	1

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1.4 Material:

1.4.1 TPX- Polymethylpentene (PMP), 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), Stopper – Blue Colour

1.6 Graduations: Meet accuracy requirements of class B under “ISO 1042.”

1.7 Sterilization: NA

1.8 Quality control: Product 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 amendments.

1.9 Other Information: Reusable can be autoclaved up to 10 autoclave cycle.

2. Basic Features

2.1 Made up of Polymethylpentene (TPX)

2.1 Temperature range: -80⁰C to +175⁰C

2.3 Autoclavability: Yes, Autoclavable at 15 psi and 121⁰C for 20 minutes

2.4 Chemical resistance: See website (www.abdoslifesciences.com)

2.5 Manufactured in Aseptic Environment

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

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Autoclaving Guideline for Plastics

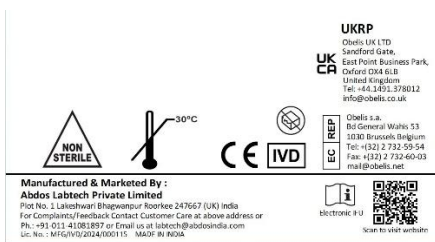
All plastic consumables are autoclavable at 121⁰C for 20 minutes, 15 psi/1atm. Do not use a dry cycle as this may cause deformation or weakening of the plastic. Allow temperature within the autoclave to return to at least 50⁰C before removing product.

Instruction for Use

Product can be used for food contact also.
Storage temp. Max 30°C
Before using the product check crackness etc.
Check all the information printed on pouches or boxes.
Always wear gloves while handling specimen.

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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Quality Manager

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