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TECHNICAL DATA SHEET

Doc No – Ab/TDS/ GLP-155- II Rev No: 09 Date- 05/2024-25

Abdos Labtech Pvt. Ltd. TPX - Beakers without Handle

Valid for Catalog No. P50701, P50702, P50703, P50704, P50705, P50706, P50707, P50708

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

1. Description/Specification

- **1.1 Description:** Reusable TPX Polymethypentene (PMP) Beaker without Handle
- 1.1.1 TPX Material has distinct advantage of high transparency & chemical resistivity, also has higher thermal withstand capacity over PP beakers.
- 1.1.2 Tapered stacking style saves space and makes it easy to handle.
- 1.1.3 All sizes have easy to read silk-screened graduations.
- 1.1.4 Precise pouring spouts.
- 1.2 Design: Tapered Stacking Design

1.3 Performance Specifications:

1.3.1

Code	Capacity (ml)	Printing (Min - Mix)	Subdivision	Height (mm)	OD with Spout (mm)	OD (mm)	No./ Case
P50701	50 ml	10ml - 50ml	5ml	59 mm	54	50.5mm	12
P50702	100 ml	20ml - 100ml	10ml	73 mm	71	63.5mm	12
P50703	250 ml	50ml -250ml	25ml	94 mm	92	83mm	12
P50704	500 ml	100ml - 600ml	50ml	128 mm	119	109.5mm	6
P50705	1000 ml	100ml - 1000ml	50ml	150 mm	141	130mm	4
P50706	2000 ml	200ml - 2000ml	100ml	192 mm	174	158mm	4
P50707	5000 ml	1000ml - 5000ml	500ml	263 mm	225	203mm	2
P50708	10000 ml	2000ml - 10000ml	1000ml	328 mm	276	250mm	1



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1.3.2 Tolerance limit + 10%

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)

1.6 Graduations:

- 1.6.1 Large, Printed with temperature, chemical and solvent resistant ink.
- 1.6.2 Meets accuracy requirements under "DIN 12231/ISO 7056 1981 (E) & BS 5404 Part 1".

1.7 Sterilization: NA

1.8 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 amendments.

1.9 Other Information:

Reusable can be autoclaved up to 10 autoclave cycle.



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- 2. Basic Features
- **2.1 Made up of** High purity Virgin Polymethylepentene (PMP)
- **2.1 Temperature range:** -80° C to $+175^{\circ}$ C
- 2.3 Autoclavability: Yes, Autoclavable at 15 psi and 121°C 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.

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 specimens.



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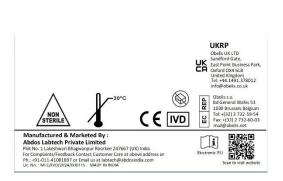
WARNING

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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