

Technical Data Sheet

Doc No – Ab/TDS/GLP-161

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TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

Measuring Cylinder – TPX Class A

Valid for Catalog No. P50501, P50502, P50503, P50504, P50505, P50506, P50507, P50508

1. Description/Specification

1.1 Description:

TPX Measuring Cylinder

- 1.1.1 These transparent graduated cylinders have excellent value.
- 1.1.2 Moulded-in large, neat and easy to read graduations.
- 1.1.3 Hexagonal shape gives stability to the base.
- 1.1.4 Cylinders have generous pour spout for smooth flow of liquid during pouring.
- 1.1.5 Supplied with conformity test certificate that indicates batch number and year of production that is also marked on the cylinder.

1.2 Design:

- 1.2.1 Body : Cylindrical with generous pour spout for smooth of liquid while dispensing
- 1.2.2 Base : Hexagonal Base for firm stability

1.3. Performance Specifications:

| Code | Capacity (ml) | Sub Division(ml) | Error limit (+ ml) | Height (mm) | No./Case |
|---------------|----------------------|-------------------------|---------------------------|--------------------|-----------------|
| P50501 | 10 | 0.2 | 0.1 | 138 | 1 |
| P50502 | 25 | 0.5 | 0.25 | 170 | 1 |
| P50503 | 50 | 1 | 0.5 | 198 | 1 |
| P50504 | 100 | 1 | 0.5 | 257 | 1 |
| P50505 | 250 | 2 | 1 | 314 | 1 |
| P50506 | 500 | 5 | 2.5 | 344 | 1 |
| P50507 | 1000 | 10 | 5 | 412 | 1 |
| P50508 | 2000 | 20 | 10 | 482 | 1 |

1.4 Material:

- 1.4.1 TPX- Polymethylpentene (PMP), confirm US FDA 21CFR
- 1.4.2 Complies with the requirement of European Pharmacopoeia, Plastic Containers and closures for Pharmaceutical use.



Abdos Labtech Private Limited
(A Division of Abdos Group)
(An ISO 9001,13485,14001,18385,GMP & CE certified company)
Shiv Ganga Industrial Estate
Plot No-1, Lakheswari, Bhagwanpur,
Roorkee-247667, (UK) INDIA

Registered office
13A Government
Place East, 2nd Floor Kolkata
West Bengal – 700069
CIN: U85100WB2008PTC123903
Corporate Office
319, 3rd Floor, DLF Tower A, DDA Dist. Centre
Jasola, New Delhi - 110025

Ph. No: +91- (0) 1332235277
Email: labtech@abdosindia.com
Web: www.abdoslivesciences.com
GST: 05AAGCA8605A1Z7

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1.4.3 The product has passed the USP testing including class VI tests, Materials has successfully passed the biological tests according to ISO 10993 external communication devices for indirect blood contact for Prolonged period.

1.4.4 Free from Heavy metals, RoHS Free according to meets relevant requirements of EU regulations 1935/2004/CE, 2002/95/EC as amended, UE 10/2011 as amended. EU CONEG & its following amendments. It is safe use in contact with food stuff, Pharmaceuticals & drinking water

1.4.5 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:

Molded in Large and easy to read graduation

Meet accuracy requirements of class A under "ISO6706" BS 5404 Part 2".

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: -80°C to $+175^{\circ}\text{C}$

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

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.



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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.

