

Technical Data Sheet

Doc No – Ab/TDS/GLP-158

Rev No : 05 Date 01/2021

TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

Measuring Cylinder – TPX- Class B

Valid for Catalog No. P50401, P50402, P50403, P50404, P50405, P50406, P50407, P50408

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.

1.2 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

Performance Specifications:

Code	Capacity (ml)	Sub Division(ml)	Error limit (\pm ml)	Height (mm)	No./Case
P50401	10	0.2	0.2	138	12
P50402	25	0.5	0.5	170	12
P50403	50	1	1	198	12
P50404	100	1	1	257	6
P50405	250	2	2	314	6
P50406	500	5	5	344	3
P50407	1000	10	10	412	3
P50408	2000	20	20	482	3

1.4 Material:

1.4.1 TPX- Polymethylpentene (PMP), confirm US FDA 21CFR



Shiv Ganga Industrial Estate,
Plot no.1 Lakeshwari, Bhagwanpur,
Roorkee – 247667 Uttarakhand, India
An ISO 9001 ,13485, 14001 & CE Certified
A Division of Abdos

Regd. Office:
13A, Government Place (East)
Kolkata – 700069, India
GST : 05AAGCA8605A1Z7

P : +91 (0) 1332 235277
E : labtech@abdosindia.com
W: www.abdoslifesciences.com
CIN : U85100WB2008PTC123903

Technical Data Sheet

1.4.2 Complies with requirement accordance with article of regulation (EC) No. 1907/2006 and its amendments.

1.4.3 Complies with the requirement of European Pharmacopoeia, 7th edition (2011) & its supplements 7.5 (07/2012) monographs 3.2.2 Plastic Containers and closures for Pharmaceutical use.

1.4.4 The product has passed the USP testing including class VI tests & has been assigned the FDA Drug master file DMF 12123

1.4.5 Materials has successful passed the biological tests according to ISO 10993 external communication devices for indirect blood contact for Prolonged period.

1.4.6 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 & it's following amendments. It is safe use in contact with food stuff, Pharmaceuticals & drinking water

1.4.7 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 B under "DIN 12681/ISO6706"

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



Shiv Ganga Industrial Estate,
Plot no.1 Lakeshwari, Bhagwanpur,
Roorkee – 247667 Uttarakhand, India
An ISO 9001 ,13485, 14001 & CE Certified
A Division of Abdos

Regd. Office:
13A, Government Place (East)
Kolkata – 700069, India
GST : 05AAGCA8605A1Z7

P : +91 (0) 1332 235277
E : labtech@abdosindia.com
W: www.abdoslifesciences.com
CIN : U85100WB2008PTC123903

Technical Data Sheet

2.1 Made up of Polymethylpentene (TPX)

2.1 Temperature range: -80⁰C to +175⁰C

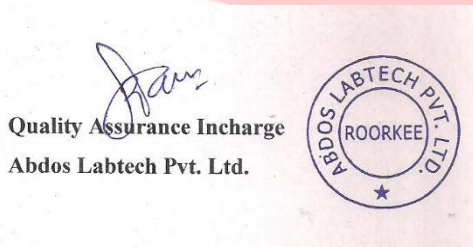
2.3 Autoclavability: Yes, Autoclavable at 15 psi and 121⁰C for 20 minutes

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

2.5 Manufactured in Aseptic Environment

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.



Shiv Ganga Industrial Estate,
Plot no.1 Lakeshwari, Bhagwanpur,
Roorkee – 247667 Uttarakhand, India
An ISO 9001 ,13485, 14001 & CE Certified
A Division of Abdos

Regd. Office:
13A, Government Place (East)
Kolkata – 700069, India
GST : 05AAGCA8605A1Z7

P : +91 (0) 1332 235277
E : labtech@abdosindia.com
W: www.abdoslifesciences.com
CIN : U85100WB2008PTC123903