

# Technical Data Sheet

Doc No–Ab/TDS/BC-138

Rev No: 03 Date 01/2021

## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**Narrow Mouth Bottle, HDPE**

**Valid for Catalog No. P11151, P11152, P11153, P11154, P11155, P11156, P11157, P11158**

### **1. Description/Specification**

#### **1.1 Description:**

Narrow Mouth Bottle Graduated, HDPE

1.1.1 These bottles come with inner thread for superior sealing and better security.

1.1.2 These bottles are used for packing, shipping and storage purposes.

1.1.3 Superior chemical resistance.

1.1.4 Complete emptying is guaranteed through inclination of shoulders.

1.1.5 Suitable for storage of low density liquids.

#### **1.2 Raw material:**

**1.2.1 Body:** HDPE (High Density poly Ethylene)

**1.2.2 Cap:** HDPE (High Density poly Ethylene)

#### **1.3 Material:**

1.3.1 High Density poly Ethylene (HDPE), Hydrophobic, confirm US FDA 21CFR

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

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

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

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

1.3.6 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



**Shiv Ganga Industrial Estate,**  
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Roorkee – 247667 Uttarakhand, India

**An ISO 9001 ,13485, 14001 & CE Certified**

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**CIN : U85100WB2008PTC123903**

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1.3.7 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.

## 1.4 Quality Control:

1.4.1 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.

1.4.2 Can be used at a temperature below 0°C.

## 1.5 DIMENSIONAL SPECIFICATIONS:

Code	Capacity (ml)	Mouth Diameter (mm)	Height (mm)	No. per Case
P11151	60	17.5	82.4	12
P11152	125	21	97.6	12
P11153	250	21	130.7	12
P11154	500	24.6	165.5	12
P11155	4	12.2	39	100
P11156	8	17.5	42.3	100
P11157	15	17.5	56.1	100
P11158	30	17.5	60	12

## 1.6 GENERAL FEATURES:

CE	Yes
Autoclavability	No
Translucence	Yes
Resistant	To be effected by radiations
Sterilization	NA



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Temperature	From – 40°C to + 80°C
Leak Proof	Yes

**1.7 Chemical resistance:** See website ([www.abdoslifesciences.com](http://www.abdoslifesciences.com))

**1.7.1** Manufactured in Aseptic Environment

**1.8 Other Information (not applicable if neglected):**

**1.8.1 Fair resistance;** exposure (30 days) to the chemical does not cause any damage.

**1.8.2 Sufficient resistance;** exposure causes damage of poor importance, which sometimes is only temporary.

**1.8.3 Poor resistance;** exposure to chemical is not allowed, or causes immediate permanent damage.

Results of testing with reference materials are to be considered as indication: in case of specific use it is recommended to carry out preliminary testing.

Information relating to the resistances of plastic materials to temperatures, sterilization and washing treatments, have been made as per reports of the raw materials' producers, following the data published in the literature and the experience gained in the use of products.



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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 in carboys/bottles/aspirators.

Consult OSHA guidelines prior to handling or lifting filled carboys/bottles/aspirators.

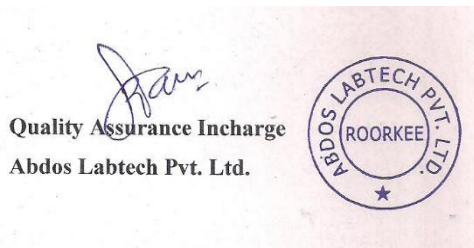
**If applicable:** Using the spigot as a handle can ruin the threads and causing the spigot not to seal properly.

### **Cleaning:**

Bottles/Aspirators/Carboys need to be cleaned by hand using a non-abrasive, neutral pH, mild detergent that does not contain a sheeting agent.

### **Cap and Spigot Cleaning:** (if applicable)

1. Remove O-ring from cap.
2. Disassemble the spigot.
3. Spray and wipe the spigot, cap and O-ring with 70% Isopropyl Alcohol.
4. Rinse all parts with distilled water.
5. Replace O-ring in cap.
6. Autoclave cap and spigot at 121°C at 15 psi for 20 minutes.



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