

TECHNICAL DATA SHEET

Doc No – Ab/TDS/BC-145
Rev No: 06 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
Amber Wide Mouth Bottle Graduated, HDPE

Valid for Catalog No. P11180A, P11181A, P11182A, P11183A, P11184A, P11185A
SRN (Single Registration Number): IN-MF-000022272

1. Description/Specification

1.1 Description:

Amber Wide Mouth Bottle , HDPE

- 1.1.1 These bottles come with inner thread for superior sealing and better security.
- 1.1.2 Opaque amber colour reduces UV light transmissions to protect light sensitive samples.
- 1.1.3 Wide mouth of bottles allows for easy filling and emptying.
- 1.1.4 These bottles are used for packing, shipping and storage purposes.
- 1.1.5 Superior chemical resistance.
- 1.1.6 Complete emptying is guaranteed through inclination of shoulders.

1.2 Raw material:

1.2.1 Body: HDPE (High Density poly Ethylene)

1.2.2 Cap: PP (Polypropylene)

1.3 Material:

- 1.3.1 High Density poly Ethylene (HDPE), Hydrophobic, confirm US FDA 21CFR
- 1.3.2 The product complies with USP class VI. Free from Heavy metals, it is safe to use in contact with food stuff, Pharmaceuticals & drinking water.
- 1.3.3 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.

1.4 Quality Control:

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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
P11180A	30	21.2	58.9	72
P11181A	60	24.8	81	72
P11182A	125	32	94.5	72
P11183A	250	32.2	126.7	72
P11184A	500	47.5	163.2	48
P11185A	1000	61.5	196.8	24

1.6 GENERAL FEATURES:

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

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

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

1.7.1 Manufactured in Aseptic Environment

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

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.

1.9 Sterilization:

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Sterile catalog number from this lot have been pre-sterilized and dosimetrically released based on ANSI/AAMI/ISO 11137 *Sterilization of healthcare products Requirements for validation and Routine control- Radiation sterilization*. The product has been sterilized with Co-60 Gamma Radiation.

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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