

Technical Specification

Volumetric Flask, 100 mL

1. Product Name:

Volumetric Flask, 100 mL, Class A.

2. Intended Use:

For accurate preparation, dilution, and measurement of liquid solutions in laboratory applications.

3. Technical Requirements:

- Capacity: 100 mL
- Accuracy Class: Class A
- Material: Borosilicate Glass 3.3
- Graduation Mark: Blue enamel calibration line
- Stopper: Ground glass stopper
- Flask Type: Single-mark volumetric flask
- Calibration: To Contain (TC), at 20°C
- High chemical resistance to laboratory reagents
- Low thermal expansion coefficient
- Transparent glass body for visual observation of contents

4. Compliance Standards:

Manufactured in accordance with ISO 1042 or equivalent international standard. Class A accuracy certification required.

5. Delivery Configuration:

- Volumetric Flask, 100 mL - 1 pc
- Ground Glass Stopper - 1 pc

6. Quality Requirements:

- New and unused product
- Free from cracks, chips, scratches, and manufacturing defects
- Permanently marked capacity and accuracy class

Required Product Description:

Volumetric Flask, 100 mL, Class A, Borosilicate Glass 3.3, Blue Graduation Mark, Ground Glass Stopper, ISO 1042 compliant or equivalent.