

## Test Case on Water Bottle

Here are some positive and negative test scenarios:

### Positive Test Scenarios:

1. Verify that the dimensions of the bottle match the specifications.
2. Check if the bottle color aligns with the specified color.
3. Confirm the material used in the bottle.
4. Validate that the bottle's weight meets the specified requirements.
5. Determine whether the bottle has a lid or not.
6. Check if the bottle includes a sipper.
7. Measure the volume of water the bottle can hold and ensure it matches the specified volume.
8. Verify that the bottle doesn't leak when tilted or placed upside down.
9. Ensure the lid is securely tightened.
10. Assess the bottle's condition with liquids of different temperatures (e.g., water, tea).
11. Evaluate the insulation, how long it takes for the liquid to reach room temperature.
12. Test the brittleness of the bottle's material.
13. Confirm if the expiry date is clearly mentioned.
14. Validate the maximum and minimum allowable liquid temperatures.

### Negative Test Scenarios:

1. Pour liquid into the bottle at a very high temperature (beyond permissible limits) and check its condition.
2. Repeat the same test with very low temperatures.
3. Subject the bottle to extreme heat.
4. Pour liquid or gas into the bottle at very high pressure.