Usage Instructions
J.T.Baker® DILUT-IT™ Dissolution Media Concentrates

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Overview

J.T.Baker® DILUT-IT™ dissolution media concentrates are solution concentrates containing pre-mixed dissolution solution media. J.T.Baker® DILUT-IT™ dissolution media concentrates are available in three convenient package sizes—250 mL, 1 L, and 2 L—to produce 6 L, 25 L, and 50 L of dissolution media, respectively. Each bottle is specifically pre-measured to produce the correct amount of dissolution media. Preparation for use in the lab is safe and simple—pour the pre-mixed concentrate into a mixing chamber and add purified water to the desired level required for the dissolution test (6 L, 25 L, or 50 L). Follow with a measurement of the pH level..

J.T.Baker® DILUT-IT™ dissolution media concentrates have been designed to meet the required pH, however, slight differences may occur due to the purified water or the instrumentation/method used to measure the pH. If a pH adjustment is necessary, it can be done with the appropriate acid or base required for the specific buffer system.

Amount of Dissolution Media Required for Your Test	Volume of DILUT-IT™ Media Concentrate to be Used	Number of DILUT-IT™ Media Concentrate Bottles
6 L	230.8 mL	1
25 L	961.5 mL	1
50 L	1.9 L	1

Usage Instructions

The following instructions can be used to prepare dissolution media using J.T.Baker® DILUT-IT™ dissolution media concentrates:

6 L dissolution media from DILUT-IT™ 230.8 mL (400 mL for SLS) bottle concentrate:

1. Pour the pre-measured concentrate into an appropriately sized dilution container with a stirrer.
2. Start the stirrer.
3. Rinse the emptied DILUT-IT™ concentrate bottle once with purified water and pour the water into the dilution chamber that contains the concentrate.
4. Fill the container with purified water to a total volume of 6 liters.
5. Check the pH. If the pH is within the specs the dissolution medium is ready to use.
6. Adjust pH if necessary.

25 L dissolution media from DILUT-IT™ 961.5 mL bottle concentrate:

1. Pour the pre-measured concentrate into an appropriately sized container with a stirrer.
2. Start the stirrer.
3. Rinse the emptied DILUT-IT™ concentrate bottle once with purified water and pour the water into the dilution chamber that contains the concentrate.
4. Fill the container with purified water to a total volume of 25 liters.
5. Check the pH. If the pH is within the specs the dissolution medium is ready to use.
6. Adjust pH if necessary.

50 L dissolution media from DILUT-IT™ 1.9 L bottle concentrate:

1. Pour the pre-measured concentrate into an appropriately sized container with a stirrer.
2. Start the stirrer.
3. Rinse the emptied DILUT-IT™ concentrate bottle once with purified water and pour the water into the dilution chamber that contains the concentrate.
4. Fill the container with purified water to a total volume of 50 liters.
5. Check the pH. If the pH is within the specs the dissolution medium is ready to use.
6. Adjust pH if necessary.

Sodium Lauryl Sulfate 0.50% (SLS) is available in a 500 mL bottle size which dilutes to 6 L of dissolution media. Follow same instructions as 250 mL bottle size. For product listings, specifications, and technical information, including FAQ's, Visit http://www.avantormaterials.com

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