Product Profile

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

Avantor™ Performance Materials introduces a new line of J.T.Baker® DILUT-IT™ dissolution media concentrates which are pre-measured and only need to be diluted with purified water to create "ready to use" dissolution media. The new DILUT-IT™ dissolution media concentrates represent a major improvement for laboratory analysts/chemists performing dissolution testing because they eliminate many of the time-consuming steps typically associated with solution preparation.

Simple Formula for Success

J.T.Baker® DILUT-IT™ dissolution media concentrates are available in convenient sizes, which can be used to produce 6 L, 25 L or 50 L of dissolution media. As a result, the DILUT-IT™ dissolution media concentrates can accommodate your dissolution testing needs, whether you are doing pharmaceutical research/formulation work, or quality control testing. Mixing the solution is also very simple—just add purified water to one unit of J.T.Baker® DILUT-IT™ dissolution media concentrate and mix.

1 Unit of DILUT-IT™ Media Concentrate + Purified Water = Dissolution Media

Amount of Dissolution Media Concentrate	Number of DILUT-IT Media Concentrate Bottles	Amount of DILUT-IT Media Produced
230.8 mL	1	6 L
400 mL*	1	6 L
961.5 mL	1	25 L
961.5 mL	1	25 L

**SLS 0.50% only*

Key advantages of J.T.Baker® DILUT-IT™ dissolution media concentrates



1. Improved Operational Efficiency

- Cost of ownership—J.T.Baker® DILUT-IT™ dissolution media concentrates typically reduce preparation time by up to 75% and eliminate rework, significantly reducing the overall cost of dissolution media preparation.
- Improved efficiency—By eliminating many of the time-consuming preparation steps related to preparing dissolution media in-house, chemists can focus on performing more value added activities.

2. Quality & Consistency

- Quality raw materials—J.T.Baker® DILUT-IT™ dissolution media concentrates are produced from raw materials according to USP guidelines.
- Precise manufacturing processes—J.T.Baker® DILUT-IT™ dissolution media concentrates are manufactured under validated processes in Avantor's ISO certified manufacturing facilities and each bottle is filled to ± 0.5% of target fill volumes using specifically designed filling equipment.
- Quality systems—Avantor™ has proven quality systems in place that meet stringent audit and regulatory requirements.

3. Improved Regulatory Compliance

- Consistent, reproducible results—J.T.Baker® DILUT-IT™ dissolution media concentrates are "application optimized and function tested" to deliver consistent, reproducible results and to ensure that the diluted dissolution media will meet regulatory requirements.

4. Enhanced Safety

- Enhanced safety packaging—J.T.Baker® DILUT-IT™ dissolution media concentrates are packaged in HDPE (high density polyethylene) packaging for ease of use and enhanced safety.
- Reduced chemical handling—The elimination of the pre-measuring and weighing steps of the dissolution media preparation process helps minimize chemical handling.
- Reduced chemical storage—Purchasing J.T.Baker® DILUT-IT™ dissolution media concentrates reduces the amount of chemicals required to be stored on-site.

J.T.Baker® DILUT-IT™ dissolution media concentrates are available in four different bottle sizes (250 mL, 500 mL, 1 L, and 2 L) to accommodate varying dissolution testing needs. The following table provides a complete list of available J.T.Baker® DILUT-IT™ dissolution media concentrates:

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