

# 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 6L, 25L or 50L 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	6L
400 mL*	1	6L
961.5 mL	1	25L
1.9L	1	50L

\*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:



#### About Avantor™ Performance Materials

Avantor™ Performance Materials manufactures and markets high-performance chemistries and materials around the world under several respected brand names, including the J.T.Baker®, Macrom™, Rankem™, Diagnova™ and POCH™ brands.

Avantor products are used in a wide range of industries. Our biomedical and life science solutions are used in academic, industry and quality control laboratories for research, pharmaceutical production and medical lab testing, while our electronics solutions are used in the manufacturing of semiconductors, photovoltaic cells and flat panel displays. Based in Center Valley, Pennsylvania (USA), Avantor is owned by an affiliate of New Mountain Capital, LLC.

For additional information please visit [www.avantormaterials.com](http://www.avantormaterials.com) or follow [www.twitter.com/avantor\\_news](https://twitter.com/avantor_news)



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*Our Web site features ASK Avantor™ which includes live chat capabilities with customer service representatives.*  
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