

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
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*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 $\pm 0.5\%$ 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:



Customer Service & Sales Support

Austria
Tel.: +43 1 97 002 0
Email: info.at@vwr.com

Belgium
Tel.: +32 (0) 16 385 011
Email: vwr.be@vwr.com

Czech Republic
Tel.: +420 321 570 321
Email: info.cz@vwr.com

Denmark
Tel.: +45 43 86 87 88
Email: info.dk@vwr.com

Finland
Tel.: +358 (0) 9 80 45 51
Email: info.fi@vwr.com

France
Tel.: 0 825 02 30 30* (national)
Tel.: +33 (0) 1 45 14 85 00 (international)
Email: info.fr@vwr.com
* 0,18 € TTC/min

Germany
Tel.: 0800 702 00 07* (national)
Tel.: +49 (0) 6151 3972 0 (international)
Email: info.de@vwr.com
*Freecall

Hungary
Tel.: +36 52 521130
Email: info.hu@vwr.com

Ireland / Northern Ireland
Tel.: +353 (0) 1 88 22 222
Email: sales.ie@vwr.com

Italy
Tel.: +39 02 3320311
Email: info.it@vwr.com

The Netherlands
Tel.: +31 (0) 20 4808 400
Email: info.nl@vwr.com

Norway
Tel.: +47 22 90 00 00
Email: info.no@vwr.com

Poland
Tel.: +48 58 32 38 200
Email: info.pl@vwr.com

Portugal
Tel.: +351 21 3600 770
Email: info.pt@vwr.com

Spain
Tel.: +34 902 222 897
Email: info.es@vwr.com

Sweden
Tel.: +46 (0) 8 621 34 00
Email: kundservice.se@vwr.com

Switzerland
Tel.: +41 (0) 44 745 13 13
Email: info.ch@vwr.com

UK
Tel.: +44 (0) 800 22 33 44
Email: uksales@vwr.com

Corporate Headquarters

Avantor, Inc.
3477 Corporate Parkway
Center Valley, PA 18034 USA
www.avantorinc.com
Toll Free: +1-855-AVANTOR (1-855-282-6867)
Outside of US Tel: +1-610-573-2600

Avantor, Inc. Europe

Poland Spółka Akcyjna
ul. Sowińskiego 11
44-101 Gliwice, Poland
Tel.: +48 32 2392 000
avantor.pl@avantorinc.com
www.avantorinc.com