



# S.WITKO

Odczynniki Chromatografia Systemy Meblowe Sprzęt Laboratoryjny Serwis

## DILUT-IT™ Dissolution Media Concentrates

### Dissolution media preparation simplified

Mallinckrodt Baker has created an innovative way to help you produce high quality dissolution media for your testing needs. The new line of DILUT-IT dissolution media concentrates only need to be mixed with purified water to create "ready to use" dissolution media. Simply mix one unit of DILUT-IT dissolution media concentrate with purified water, dilute it to volume and your media preparation is complete. This product line is ideal for Research & Development and Quality Control laboratories because it eliminates many of the time-consuming steps typically associated with dissolution media preparation.

DILUT-IT dissolution media concentrates are available in three convenient sizes to accommodate dissolution testing needs. A 250 mL bottle size will dilute to 6 L of dissolution media, a 1 L bottle size will dilute to 25 L of dissolution media, and a 2 L bottle size of dissolution media will dilute to 50 L to handle larger batches of dissolution testing. Sodium Lauryl Sulfate 0.50% (SLS) is available in a 500 mL bottle size which dilutes to 6 L of dissolution media.



### DILUT-IT dissolution media concentrates provide the following benefits:

- 1. Improved operational efficiency**
  - **Cost of ownership** - DILUT-IT dissolution media concentrates typically reduce prep time by more than 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** - DILUT-IT dissolution media concentrates are produced from raw materials in accordance with USP guidelines in Mallinckrodt Baker's ISO certified manufacturing facilities.
  - **Precise manufacturing processes** - DILUT-IT dissolution media concentrate bottles are filled to  $\pm 0.5\%$  of target fill volumes using specifically designed filling equipment.
  - **Quality systems** - Mallinckrodt Baker has proven quality systems in place that meet stringent audit and regulatory requirements.
- 3. Improved regulatory compliance**
  - **Consistent, reproducible results** - DILUTE-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** - DILUT-IT dissolution media concentrates are packaged in DPE (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 pre-mixed DILUT-IT dissolution media concentrates reduces the amount of chemicals required to be stored on-site.

### DILUT-IT Dissolution Media Concentrates

Product	Product Number
Acetate Buffer pH 4.5 DILUT-IT™ Dissolution Media Concentrate	D017
Hydrochloric Acid 0.01N DILUT-IT™ Dissolution Media Concentrate	D010
Hydrochloric Acid 0.1N DILUT-IT™ Dissolution Media Concentrate	D011
Potassium Phosphate pH 5.8 DILUT-IT™ Dissolution Media Concentrate	D012
Potassium Phosphate pH 6.0 DILUT-IT™ Dissolution Media Concentrate	D013
Potassium Phosphate pH 6.8 DILUT-IT™ Dissolution Media Concentrate	D014
Potassium Phosphate pH 7.2 DILUT-IT™ Dissolution Media Concentrate	D015
Potassium Phosphate pH 7.5 DILUT-IT™ Dissolution Media Concentrate	D016
Sodium Lauryl Sulfate 0.50% DILUT-IT™ Dissolution Media Concentrate	D018

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