

# Buffered Eluents

## Summary of Features & Benefits:

### Commercial Benefits

- Reduce sample preparation time
- Focus on core activities
- Ensure Consistency of product
- Free up valuable Laboratory Space
- Achieve peace of mind

### Technical Benefits

- Produced in accordance with USP
- Consistency of product - Independent, Traceable, Certified
- Certificates of Analysis and Safety Data Sheets available online

Reagecon is pleased to announce a new range of Ready to Use Buffered Eluents for Liquid Chromatography. The control of Mobile Phase pH, when analysing ionisable compounds using HPLC is well recognised. There is also a substantial body of literature supporting the use of pH control when working with field samples of non-ionisable compounds due to the presence of ionisable impurities or contaminants. The use of Reagecon's high quality buffer systems will minimise variations of mobile phase pH, leading to dramatically improved selectivity, retention factor, peak shape, resolution and reproducibility. These Buffered Eluents, which are not available from any other manufacturer, bring you multiple benefits that include:

- Significant reduction in the amount of time and expense required to prepare them in house - "lean labs"
- Produced according to relevant Pharmacopoeia requirements - no deviation in materials or methodology
- Manufactured under controlled processes and batch certified to ensure lot-to-lot consistency and reproducibility of results

Reagecon has selected 19 of the most commonly recommended buffering systems from scientific literature and from the currently published 2,400 monographs of the USP, these are listed below. However, there are several hundred other buffering systems contained in the monographs and we are happy to quote for these also. The products presented are suitable for use as buffering systems in either solvent or aqueous mobile phases.

Description	Product No. 500ml	Product No. 1L
pH 2- 6.8g/L Monobasic Potassium Phosphate	USP8005	USP801
pH 2.5-0.01M Phosphoric Acid and 0.01M Monobasic Sodium Phosphate	USP8105	USP811
pH 2.5 - Monobasic Potassium Phosphate	USP8205	USP821
pH 3 - Monobasic Potassium Phosphate	USP8305	USP831
pH 3.5 - Monobasic Sodium Phosphate	USP8405	USP841
pH 4 - Monobasic Potassium Phosphate	USP8505	USP851
pH 4.5 - Sodium Acetate Trihydrate	USP8605	USP861
pH 4.5 - Monobasic Potassium Phosphate	USP8705	USP871
pH 5 - Monobasic Potassium Phosphate	USP8805	USP881
pH 5.5 - Monobasic / Dibasic Potassium Phosphate	USP8905	USP891
pH 6 - Monobasic Potassium Phosphate	USP9005	USP901
pH 6.5- Monobasic Potassium Phosphate	USP9105	USP911
pH 6.8 - Monobasic Potassium Phosphate	USP9205	USP921
pH 6.8 - Monobasic Potassium Phosphate / Dibasic Sodium phosphate	USP9305	USP931
pH 7 - Monobasic Potassium Phosphate / Dibasic sodium phosphate	USP9405	USP941
pH 7 - Monobasic Potassium Phosphate / Sodium Hydroxide	USP9505	USP951
pH 7.5 - Monobasic Potassium Phosphate	USP9605	USP961
pH 7.5 - Dibasic Potassium/ Monobasic Sodium Phosphate	USP9705	USP971
pH 8 - Monobasic Sodium Phosphate/ Disodium Hydrogen Phosphate	USP9805	USP981

# Dissolution Media - Concentrates



## Summary of Features & Benefits:

### Commercial Benefits

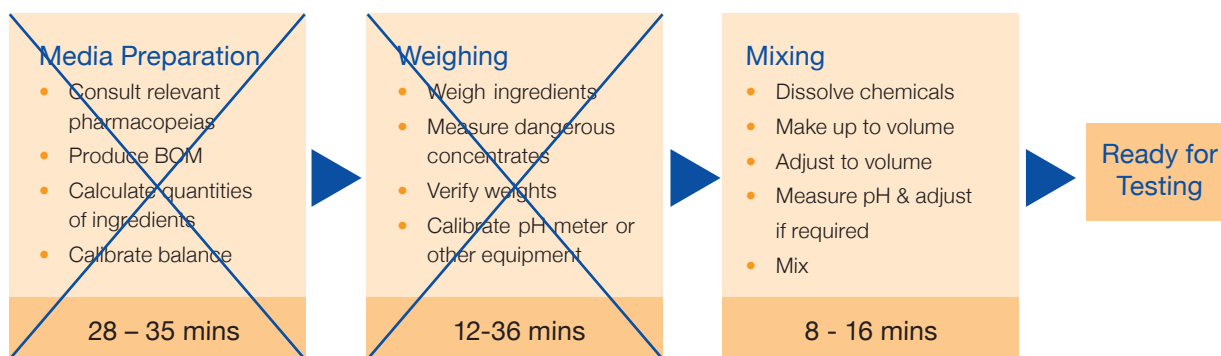
- Reduce preparation time
- Free up resources for core activities
- Save valuable bench space

### Technical Benefits

- Consistency of product
- Full regulatory & labelling compliance
- Certificates of Analysis & Safety Data Sheets available online

Reagecon has added a new range of Dissolution Media Concentrates to its manufactured product portfolio.

With Reagecon's dissolution media concentrates you take out all preparation steps up to the final mixing, simply add purified water and mix, allowing you to run your dissolution test without delay and at a reduced cost.



## Save valuable time per batch!

Allow Reagecon to offer you major savings and improved efficiencies in your dissolution testing by having products which are:-

- Prepared according to relevant pharmacopoeia requirements
- Without deviations on materials and methodology from pharmacopoeia
- Guaranteed Accuracy and Stability
- 2 year Shelf Life
- Certificates of Analysis and Safety Data Sheets available online
- Consistency of Product, Independent, Traceable, Certified

Product No.	Compliant Pharm	Concentration	Pack Size
<b>Potassium Phosphate pH 5.8</b>			
DBC01-230	USP & Ph.Eur.	230.8ml of conc. dilutes to 6L	12 x 250ml concentrates
DBC01-250	USP & Ph.Eur.	250ml of conc. dilutes to 10L	12 x 250ml concentrates
DBC01-960	USP & Ph.Eur.	961.5ml of Conc. dilutes 25L	6 x 1L concentrates
<b>Potassium Phosphate pH 6.0</b>			
DBC02-230	USP & Ph.Eur.	230.8ml of conc. dilutes to 6L	12 x 250ml concentrates
DBC02-250	USP & Ph.Eur.	250ml of conc. dilutes to 10L	12 x 250ml concentrates
DBC02-960	USP & Ph.Eur.	961.5ml of Conc. dilutes 25L	6 x 1L concentrates
<b>Potassium Phosphate pH 6.8</b>			
DBC03-230	USP & Ph.Eur.	230.8ml of conc. dilutes to 6L	12 x 250ml concentrates
DBC03-250	USP & Ph.Eur.	250ml of conc. dilutes to 10L	12 x 250ml concentrates
DBC03-960	USP & Ph.Eur.	961.5ml of Conc. dilutes 25L	6 x 1L concentrates
<b>Potassium Phosphate pH 7.2</b>			
DBC04-230	USP & Ph.Eur.	230.8ml of conc. dilutes to 6L	12 x 250ml concentrates
DBC04-250	USP & Ph.Eur.	250ml of conc. dilutes to 10L	12 x 250ml concentrates
DBC04-960	USP & Ph.Eur.	961.5ml of Conc. dilutes 25L	6 x 1L concentrates
<b>Potassium Phosphate pH 7.5</b>			
DBC05-230	USP & Ph.Eur.	230.8ml of conc. dilutes to 6L	12 x 250ml concentrates
DBC05-250	USP & Ph.Eur.	250ml of conc. dilutes to 10L	12 x 250ml concentrates
DBC05-960	USP & Ph.Eur.	961.5ml of Conc. dilutes 25L	6 x 1L concentrates
<b>Acetate Buffer pH 4.5</b>			
DBC06-230	USP & Ph.Eur.	230.8ml of conc. dilutes to 6L	12 x 250ml concentrates
DBC06-250	USP & Ph.Eur.	250ml of conc. dilutes to 10L	12 x 250ml concentrates
DBC06-960	USP & Ph.Eur.	961.5ml of Conc. dilutes 25L	6 x 1L concentrates
<b>Sodium Lauryl Sulphate 0.50%</b>			
DBC07-400	USP	400ml of conc.dilutes to 6L	12 x 400ml concentrates
DBC07-500	USP	500ml of conc. Dilutes to 10L	12 x 500ml concentrates
<b>Potassium Phosphate pH 7.4</b>			
DBC08-230	USP & Ph.Eur.	230.8ml of conc. dilutes to 6L	12 x 250ml concentrates
DBC08-250	USP & Ph.Eur.	250ml of conc. dilutes to 10L	12 x 250ml concentrates
DBC08-960	USP & Ph.Eur.	961.5ml of Conc. dilutes 25L	6 x 1L concentrates
<b>Sodium Phosphate pH 6.8</b>			
DBC09-230	USP	230.8ml of conc. dilutes to 6L	12 x 250ml concentrates
DBC09-250	USP	250ml of conc. dilutes to 10L	12 x 250ml concentrates
DBC09-960	USP	961.5ml of Conc. dilutes 25L	6 x 1L concentrates
<b>Hydrochloric Acid 0.01N</b>			
DBC10-230	USP & Ph.Eur.	230.8ml of conc. dilutes to 6L	12 x 250ml concentrates
DBC10-250	USP & Ph.Eur.	250ml of conc. dilutes to 10L	12 x 250ml concentrates
DBC10-960	USP & Ph.Eur.	961.5ml of Conc. dilutes 25L	6 x 1L concentrates
<b>Hydrochloric Acid 0.1N</b>			
DBC11-230	USP & Ph.Eur.	230.8ml of conc. dilutes to 6L	12 x 250ml concentrates
DBC11-250	USP & Ph.Eur.	250ml of conc. dilutes to 10L	12 x 250ml concentrates
DBC11-960	USP & Ph.Eur.	961.5ml of Conc. dilutes 25L	6 x 1L concentrates

# Dissolution Media - Ready To Use



## Summary of Features & Benefits:

### Commercial Benefits

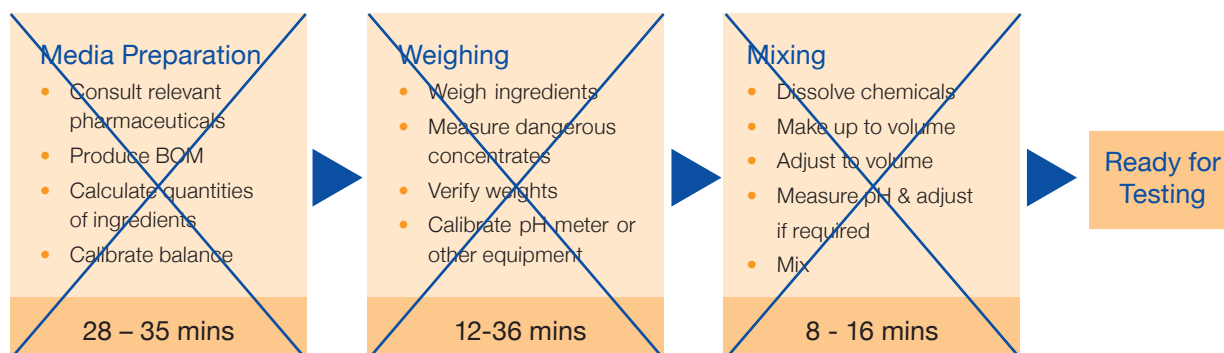
- Reduce preparation time
- Free up resources for core activities
- Save valuable bench space

### Technical Benefits

- Consistency of product
- Full regulatory & labelling compliance
- Certificates of Analysis & Safety Data Sheets available online

Reagecon has added a new range of Ready to Use Dissolution Media to its manufactured product portfolio.

Reagecon's dissolution media eliminates all preparation steps allowing you to run your dissolution test without delay and at a reduced cost.



## Save valuable time per batch!

Allow Reagecon to offer you major savings and improved efficiencies in your dissolution testing by having products which are:-

- Prepared according to relevant pharmacopoeia requirements
- Without deviations on materials and methodology from pharmacopoeia
- Guaranteed Accuracy and Stability
- 2 year Shelf Life
- Certificates of Analysis and Safety Data Sheets available online
- Consistency of Product, Independent, Traceable, Certified



Product No.	Product Description	Compliant Pharmacopoeia	Pack Size
DB10-121	Hydrochloric Acid 0.01N	USP & Ph.Eur.	12 x 1L
DB11-121	Hydrochloric Acid 0.1N	USP & Ph.Eur.	12 x 1L
DB06-121	Acetate Buffer pH 4.5	USP & Ph.Eur.	12 x 1L
DB01-121	Potassium Phosphate pH 5.8	USP & Ph.Eur.	12 x 1L
DB02-121	Potassium Phosphate pH 6.0	USP & Ph.Eur.	12 x 1L
DB03-121	Potassium Phosphate pH 6.8, R	USP & Ph.Eur.	12 x 1L
DB04-121	Potassium Phosphate pH 7.2	USP & Ph.Eur.	12 x 1L
DB08-121	Potassium Phosphate pH 7.4	USP & Ph.Eur.	12 x 1L
DB07-121	Sodium Lauryl Sulphate 0.50%	USP	12 x 1L
DB12-121	Simulated Gastric Fluid, without enzyme	USP & Ph.Eur.	12 x 1L
DB13-121	Simulated Intestinal Fluid, without Enzyme	USP & Ph.Eur.	12 x 1L
DB14-121	1st Dissolution Fluid	JP	12 x 1L
DB15-121	2nd Dissolution Fluid	JP	12 x 1L
DB16-121	Acetate Buffer pH 5.5	Ph.Eur.	12 x 1L
DB17-121	Acetate Buffer pH 5.8	Ph.Eur.	12 x 1L



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