



# Reagecon

A CALIBRE SCIENTIFIC COMPANY



## Pharmacopoeia Standards and Solutions



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### About Reagecon

Reagecon, part of the Calibre Scientific Group of companies is one of the largest producers of Physical and Chemical Standards. The company is based in an 8,000 sq. metre facility that includes a large suite of manufacturing, quality control and research and development laboratories in Shannon, Ireland with sales offices in Shanghai and North America, Europe and the UK through our Calibre Scientific sister companies. Reagecon employs 100 people, 50% are chemistry or science graduates and most are involved in the development, production, testing, quality control and sales & marketing of over 6,000 product references that we currently produce. We have a very active R&D programme and develop and bring to market many hundreds of new standards, every year.

All Reagecon manufactured products are underpinned by and demonstrate our position as a centre of excellence in the science of Metrology. Product is manufactured, tested, and certified under the applicable ISO/IEC 17025 (A2LA Ref: 6739.03) or ISO/IEC 17034 (A2LA Ref: 6739.01) accreditation or ISO/IEC 17025 (A2LA Ref: 6739.02) for Calibration, in one of our 20 specially equipped laboratories.

The resulting product is classified within one of 54 product families, these families are then grouped and promoted under 7 main product headings, as listed below:-

- ✓ Electrochemistry Standards
- ✓ Cation and Anion Standards
- ✓ Pharmacopoeia Reagents and Standards
- ✓ Physicochemical Standards
- ✓ Total Organic and Inorganic Carbon Standards
- ✓ Volumetric Solutions for Titration
- ✓ Customised Standards and Reagents





# Pharmacopoeia Standards and Solutions

## Summary of Features & Benefits

- ✔ Significant reduction in the amount of time and expense required to prepare test solutions
- ✔ Produced according to relevant Pharmacopoeia requirements
- ✔ Manufactured with controlled processes and batch certified to ensure lot-to-lot consistency and reproducibility of results. Such benefits give you the assurance and peace of mind that in-house preparations cannot provide
- ✔ Ensure consistency of products (independent, traceable, certified)
- ✔ Guaranteed stability throughout entire shelf life, even after opening the bottle, eliminates the need to open a fresh bottle of standard every time it is used
- ✔ Certificates of Analysis and Safety Data Sheets available online

Reagecon is a world leading manufacturer of **Standards and Reagents**, as specified in all the major Pharmacopoeias. These products are manufactured, tested and identified as compliant with the processes laid down in the relevant Pharmacopoeia. The products include those described in:-

- ✔ **United States Pharmacopoeia (USP)**
- ✔ **European Pharmacopoeia (EP)**
- ✔ **Chinese Pharmacopoeia (ChP)**
- ✔ **Japanese Pharmacopoeia (JP)**

Products have been designed not only to save the analyst time, money, resources and raw materials, but also to have confidence that the products are manufactured and tested optimally, are certified and traceable and tested in an accredited facility. Overall, they offer quality, convenience, stability and piece of mind.

With more than 30 years experience producing products in compliance with the Pharmacopoeia, we can advise on all aspects of Good Manufacturing and Good Laboratory Practice, pertaining to these products.

# Buffered Eluents

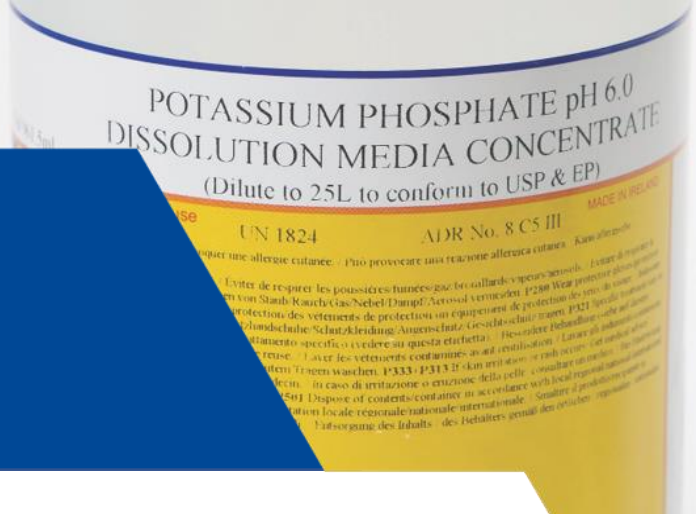
## Summary of Features & Benefits

- ✔ The products presented are suitable for use as buffering systems in either solvent or aqueous mobile phases.
- ✔ Significant reduction in the amount of time and expense required to prepare them in house - “lean labs”
- ✔ Frees up resources for other core activities
- ✔ Produced according to USP requirements - no deviation in materials or methodology
- ✔ Ensure consistency of products (independent, traceable, certified)
- ✔ Manufactured under controlled processes and batch certified to ensure lot-to-lot consistency and reproducibility of results
- ✔ Certificates of Analysis and Safety Data Sheets available online

Reagecon produces a range of ready to use **Buffered Eluents** for Liquid Chromatography for the control of Mobile Phase pH. These products are used when analysing ionisable compounds using HPLC and for 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 as outlined above.

Reagecon has selected 19 most commonly recommended buffering systems from scientific literature and from the currently published 5000 monographs of the USP. However, there are several hundred other buffering systems contained in the monographs and we are happy to quote for these also. The products offered are suitable for use as buffering systems in either solvent or aqueous mobile phases.

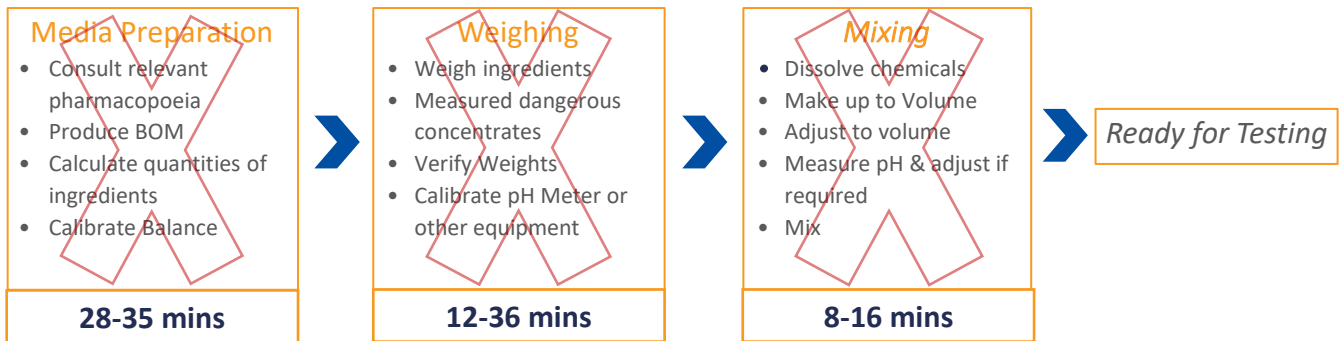


# Dissolution Media

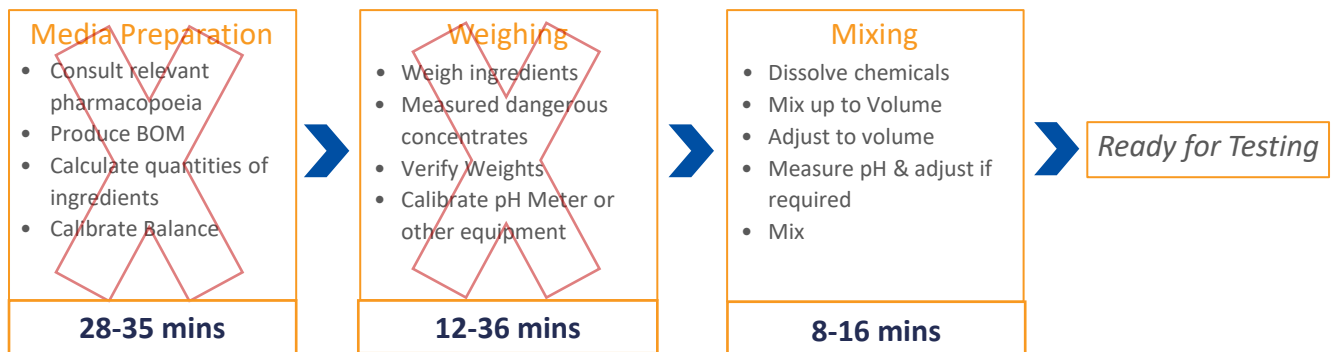
## Summary of Features & Benefits

- ✓ Prepared according to relevant Pharmacopoeia requirements compliant with materials and methodology from Pharmacopoeia
- ✓ Manufactured with controlled processes and batch certified to ensure lot-to-lot consistency and reproducibility of results. Such benefits give you the assurance and peace of mind that in-house preparations cannot provide
- ✓ Guaranteed to reduce preparation time, expense and free up resources for core activities
- ✓ Ensure consistency of products (independent, traceable, certified)
- ✓ Full regulatory and labelling compliance
- ✓ Major savings on storage space (concentrated format)
- ✓ Certificates of Analysis and Safety Data Sheets available online

**Ready to use Dissolution Media** takes out all preparation steps, allowing you to run your dissolution test without delay and at a reduced cost, the following graphic demonstrates the number of steps to be saved by using our ready to use Dissolution Media



**Dissolution Media Concentrates** 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 !*



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