

Your Reaction Work-Ups... Faster!

Reaction Work-Up/Extraction Challenges?

- Spending too much time and money?
- Emulsions?
- High solvent use?
- Difficult liquid-liquid extractions?
- Large numbers of work-ups for discovery?

The Solution – Faster Chemistry's New FastWoRX™ Products

- Work-ups in half the time... or less
- Just a simple solid separation
- Easy automation
- No emulsion formation
- Greener - up to 90% less solvent used
- Reusable
- Work at any scale – milligrams to kilograms

Ideal for:

- Drug discovery
- Green chemical manufacturing
- Agrochemical discovery
- High-tech materials discovery
- Specialty chemical manufacturing
- Water, medical and food testing
- Potentially useful for protein separations and gas extraction and analysis



Take Your Chemistry beyond the Limits of Liquid-Liquid Extraction!

For over 150 years, chemists and chemical engineers have used liquid-liquid extraction (LLE) for work-up after their reactions. Today, LLE is a problem because it wastes time and solvents and is not easily automated. FastWoRX™ products are the new and innovative cure for your LLE and work-up headaches.



FastWoRX-S is a hydrophobic powder that absorbs most organics. It can easily and quickly be separated – along with the absorbed organics - from the aqueous phase by a simple filtration step that can be automated.



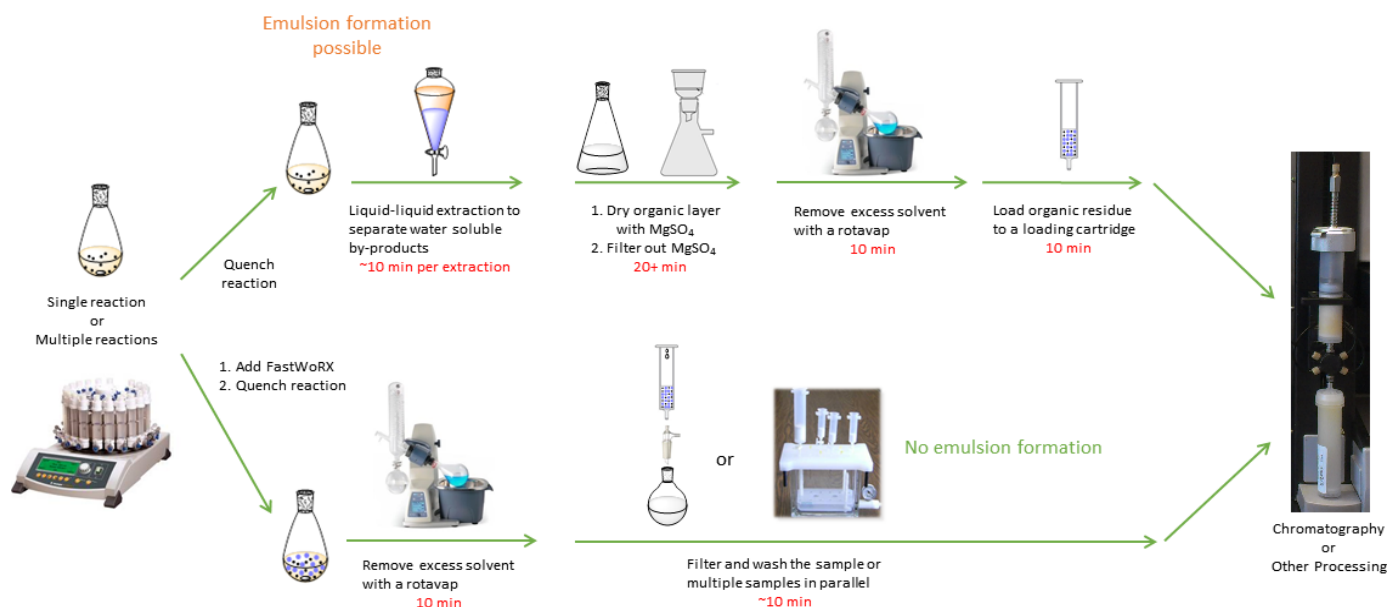
FastWoRX-M is a hydrophobic and magnetic black powder that absorbs most organics. It can easily and quickly be separated - along with the absorbed organics – from the aqueous phase by a magnet or a simple filtration. Using an electromagnet allows easy collection and release of the powder, enabling many automation possibilities.

PATENT PENDING

Your Work-Ups... In Half the Time (or less)!

LLE-Based Work-Up

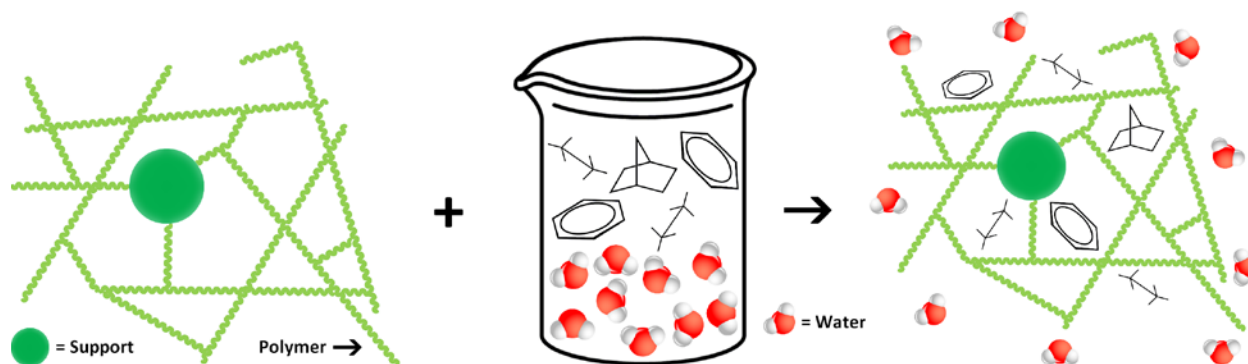
Total Time - 50+ min



Total Time - ~20 min

FastWoRX-Based Work-Up

The FastWoRX Concept



FastWoRX™ powder is a support coated with an organic-permeable, hydrophobic polymer. When added to an aqueous-organic mixture, FastWoRX absorbs the organic phase and excludes the aqueous phase, leaving the organics in an easy-to-separate and easy-to-handle solid. FastWoRX lets you leave time- and solvent-consuming liquid-liquid extraction behind and eliminates emulsion formation!

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