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## Applications and opportunities of experimental design for the dispersive liquid–liquid microextraction method - A review

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### ABSTRACT

Nowadays, the trend to simplify and miniaturize sample preparation methods has resulted in the development of effective and low-cost microextraction techniques that utilize a very small volume of the extracting phase. Among them, the liquid–liquid microextraction (LLME) method is a simple and effective sample pre-treatment technique applicable to numerous analytical methods. A related miniaturized and environmentally friendly extraction technique, dispersive liquid–liquid microextraction (DLLME), has been developed within the last decade and shows a

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