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## QuEChERS Columns



QuEChERS à la LCTech is based on a non-dispersive method and has specially adapted columns. This covers almost all matrices within pesticide analysis in food and feed:

- Classic QuEChERS  
column for fruit and vegetables
- Special QuEChERS  
column for tea, spices and hops
- Extra QuEChERS  
column for matrices with high fat content (> 10%)

The non-dispersive application with the columns leads to better chromatography due to the high purification and the associated reduced matrix ion suppression. This is reflected in very good recoveries with high reproducibility. After purification, the extract is eluted into a 4 mL vial and an aliquot of it is injected on-line via the HPLC Direct-Injection Module directly into the LC-MS/MS system. This way, the chromatogram is obtained without a manual step. The rest of the eluate remains in the vial and can be used for further analyses, e.g. for GC-MS/MS or as a reserve sample.

## Ordering Information LCTech Columns for QuEChERS Method

		Manually	Automated	
Pesticide I	Classic QuEChERS Column	P/N 19853	P/N 16301	for Fruit and vegetables
Pesticide II	Special QuEChERS Column	P/N 19854	P/N 16683	for tea, spices and hops
Pesticide III	Extra QuEChERS Column	P/N 19855	P/N 16685	for Matrices with high content of fat (>10 %)

Please contact us

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### Präsentationen

[Non-dispersive QuEChERS Method automated \( pdf | 2 MB \)](#)

[Non-dispersive QuEChERS Method manually \( pdf | 1 MB \)](#)

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