

## Copure® QuEChERS extraction kits

Extraction and clean-up mixtures for sample preparation in the pesticide analysis of vegetable foodstuffs according to EN 15662 using GC/MS or LC/MS after acetonitrile extraction and purification using the dispersive SPE-QuEChERS method.

The samples are first extracted with Mix A. Purification is done with one of the following mixtures:

- Mix B (Clean-up mixture for fruits and vegetables with low fat content, e.g. apples, strawberries)
- Mix C (Clean-up mixture for fruits and vegetables with high fat content, containing oil/wax, e.g. avocados)
- Mix D (Clean-up mixture for moderately chlorophyll/carotenoid-containing fruits and vegetables, e.g. carrots, salad)
- Mix E (Clean-up mixture for fruits and vegetables with high chlorophyll/carotenoid content, e.g. sweet peppers, spinach)



If required, add ceramic homogenising beads for better mixing.

- **Mix A contains a bag with the required amount of mixture and a 50 ml empty tube**
- **Mix B, C, D and E are pre-weighed into a 15 ml tube**

Type	Capacity	Composition	PK	Cat. No.	Price	usage
	ml					
Mix A CITRIC ACID EXTRACTION TUBE	50	4 g MgSO <sub>4</sub> , 1 g NaCl, 1 g Trisodium citrate, 0.5 g Disodium citrate	50	4.669 294	6.300,00 RSD	KCI
Mix B PSA CLEAN-UP TUBE	15	0.15 g PSA, 0.9 g MgSO <sub>4</sub>	50	4.669 295	5.600,00 RSD	KCI
Mix C PSA/C18 CLEAN-UP TUBE	15	0.15 g PSA, 0.15 g C18, 0.9 g MgSO <sub>4</sub>	50	4.669 296	8.000,00 RSD	KCI
Mix D PSA/GCB CLEAN-UP TUBE	15	0.15 g PSA, 0.015 g GCB, 0.9 g MgSO <sub>4</sub>	50	4.669 297	7.000,00 RSD	KCI
Mix E PSA/GCB CLEAN-UP TUBE	15	0.15 g PSA, 0.045 g GCB, 0.9 g MgSO <sub>4</sub>	50	4.669 298	9.400,00 RSD	KCI
Ceramic homogenising beads			100	4.669 299	2.800,00 RSD	KCI