

MACHEREY-NAGEL
CHROMABOND®
QuEChERS mixes

Promotion

Chromatography



Optimized Stick format for extraction mixes

- Convenient solutions for your pesticide residue analysis
- Reduced packaging material
- Excellent price-performance ratio

MACHEREY-NAGEL

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CHROMABOND® QuEChERS mixes

The QuEChERS method

Within a few years after its development by Anastassiades et al. the QuEChERS method has gained a leading position in the determination of pesticide residues in food samples by GC-MS or LC-MS, allowing rapid and cheap clean-up of strongly matrix-contaminated samples.¹

New, convenient Stick format

For an optimized handling and increased productivity in the lab. Stick format packed in aluminum packets.



Step 1: Choose a suitable extraction mix

Mix and method	Format	Mix No.	MgSO ₄	Na acetate	Na ₃ citrate	Na ₂ H citrate	NaCl	REF*
Acetate extraction mix (AOAC 2007.01) ²	Stick *	II	6000 mg	1500 mg				730971.3
Acetate extraction mix (AOAC 2007.01) ²	Kit **	II	6000 mg	1500 mg				730971.3T
Citrate extraction mix (EN 15662) ³	Stick *	I	4000 mg		1000 mg	500 mg	1000 mg	730970.3
Citrate extraction mix (EN 15662) ³	Kit **	I	4000 mg		1000 mg	500 mg	1000 mg	730970.3T
Original extraction mix ¹	Stick *	XII	4000 mg				1000 mg	730648.3
Original extraction mix ¹	Kit **	XII	4000 mg				1000 mg	730648.3T
Original extraction mix ¹	Stick *	XII	6000 mg				1500 mg	730989.3
Original extraction mix ¹	Kit **	XII	6000 mg				1500 mg	730989.3T

* Pack of 50 aluminum packets (Sticks); ** Pack of 50 aluminum packets (Sticks) and 50 centrifuge tubes

Step 2: Add a suitable QuEChERS clean-up mix

According to AOAC 2007.01 method

Fruits and vegetables	Tube	Mix No.	MgSO ₄	Diamino (PSA)	Carbon	C ₁₈ ec	REF*
General	15 mL	XX	1200 mg	400 mg			730658
Pigments	15 mL	XVII	1200 mg	400 mg	400 mg		730842
Fats and waxes	15 mL	XIX	1200 mg	400 mg		400 mg	730669
Pigments and fats	15 mL	XLVII	1200 mg	400 mg	400 mg	400 mg	730845

* Pack of 50 centrifuge tubes (15 mL size)

According to EN15662 method

Fruits and vegetables	Tube	Mix No.	MgSO ₄	Diamino (PSA)	Carbon	C ₁₈ ec	REF*
General	15 mL	III	900 mg	150 mg			730972
Pigments	15 mL	IV	900 mg	150 mg	15 mg		730973
High amount of pigments	15 mL	V	900 mg	150 mg	45 mg		730975
Fats and waxes	15 mL	VI	900 mg	150 mg		150 mg	730974

* Pack of 50 centrifuge tubes (15 mL size)

1 M. Anastassiades, S.S. J. Lehotay, D. Stainbahr, F. J. Schenck, J. AOAC, Int. 86 (2003), 412–431.

2 AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate.

3 EN 15662:2008 Foods of plant origin – Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction / partitioning and clean-up by dispersive SPE – QuEChERS method.

Find more information about QuEChERS products on: www.mn-net.com/quechers or scan our QR code!



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