

Your Choice For an Easier **QuEChERS** Solution



Quick-Easy-Cheap-Effective-Rugged-Safe



Access All of Your roQ Resources



www.phenomenex.com/roQ

- Applications
- Technical Notes
- Tutorials and Webinars
- Tools
- And more



We're here to help!
**Speak with your Sample
Preparation Specialist**

By email: Support@Phenomenex.com

For Additional Food Resources Visit

www.phenomenex.com/food

Why Choose roQ QuEChERS?

roQ
QuEChERS Kits

Ease of Use



Built-in Removable Rack



2 Stand Alone Extraction Tubes



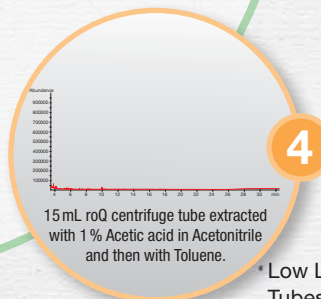
3 Easy Pour Salt Packets

Improved with you in mind, roQ picks up where other QuEChERS kits fail.

The unique design of the roQ QuEChERS kits eliminates common problems seen with current QuEChERS kits on the market.



5 Leak-Free Tubes



4 Low Leachate Tubes

Quality

QUALITY MANAGEMENT SYSTEM
CERTIFIED BY DNV GL
= ISO 9001:2015 =

- Validates processes to be fully established, functional, and meet international standards
- MSDS and Certificate of Analysis (CoA) available for all kits
- roQ QuEChERS kits are guaranteed for quality

Technical Support

Sample Preparation Support at Your Fingertips

- Dedicated sample preparation team available to assist your method development needs
- Expertise in sample preparation and solid phase extraction
- Access to up-to-date sample preparation applications

Free Method Development Services

- Let our specialists help you with new method development, method optimization, and validation, including FDA compliant and GMP compliant validation.

For more details on roQ QuEChERS Kits
www.phenomenex.com/roQ

What is roQ QuEChERS?

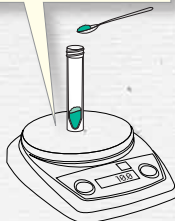
Step 1

Extraction*



Blend
fruits or vegetables
to be analyzed.

Easily Weigh Out Samples
Stand alone centrifuge tubes make
sample analysis easy



Weigh
blended sample.

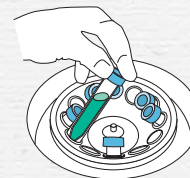
No Mess Salt Packets
Easy pour spouts eliminate spills
during salt addition



Add
salts and
acetonitrile.



Shake
tube for 1 minute.



Centrifuge
tube for 5 minutes.

Step 2

Clean Up/dSPE**

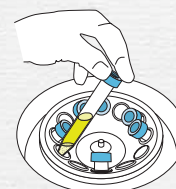


Add
supernatant from extraction
procedure into a roQ dSPE tube.

Avoid Leaky Tubes
Our tubes are designed to
seal completely



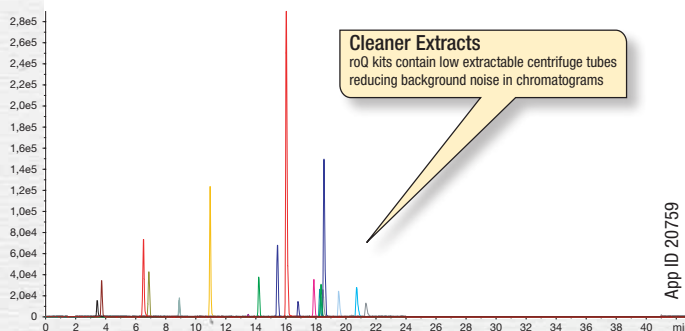
Shake
dSPE tube for 30 seconds.



Centrifuge
dSPE tube for 5 minutes.

Step 3

Analysis by GC or HPLC



Salts and Sorbents used in roQ Kits

Extraction:

- Magnesium Sulfate(MgSO₄)
- Sodium Acetate(NaOAc)
- Sodium Chloride(NaCl)
- Sodium Citrate Tribasic Dihydrate(SCTD)
- Sodium Citrate Dibasic Sesquihydrate(SCDS)

Clean Up/dSPE:

- Magnesium Sulfate (MgSO₄)
- Primary/Secondary Amine (PSA)
- Endcapped C18 Sorbent (C18E)
- Graphitized Carbon Black (GCB)



Make your choice



AOAC

AOAC 2007.01 Method
6.0 g MgSO₄, 1.5 g NaOAc

[KS0-8911](#)

ORIGINAL

Non-Buffered Method
4.0 g MgSO₄, 1.0 g NaCl

[KS0-8910](#)

6.0 g MgSO₄, 1.5 g NaCl


[KS0-8912](#)

EN

EN 15662 Method

4.0 g MgSO₄, 1.0 g NaCl,
1.0 g SCTD, 0.5 g SCDS

[KS0-8909](#)

	AOAC 2007.01		EN 15662	
	1 mL	8 mL	1 mL	6 mL
General 	150 mg MgSO ₄ 50 mg PSA KS0-9511	1200 mg MgSO ₄ 400 mg PSA KS0-9515	150 mg MgSO ₄ 25 mg PSA KS0-9503	900 mg MgSO ₄ 150 mg PSA KS0-9507
Fats and Waxes 	150 mg MgSO ₄ 50 mg PSA 50 mg C18E KS0-9512	1200 mg MgSO ₄ 400 mg PSA 400 mg C18E KS0-9516	150 mg MgSO ₄ 25 mg PSA 25 mg C18E KS0-9504	900 mg MgSO ₄ 150 mg PSA 150 mg C18E KS0-9508
Pigmented 	150 mg MgSO ₄ 50 mg PSA 50 mg GCB KS0-9513	1200 mg MgSO ₄ 400 mg PSA 400 mg GCB KS0-9517	150 mg MgSO ₄ 25 mg PSA 2.5 mg GCB KS0-9505	900 mg MgSO ₄ 150 mg PSA 15 mg GCB KS0-9509
Highly Pigmented 	—	—	150 mg MgSO ₄ 25 mg PSA 7.5 mg GCB KS0-9506	900 mg MgSO ₄ 150 mg PSA 45 mg GCB KS0-9510
Pigments and Fats 	150 mg MgSO ₄ 50 mg PSA 50 mg GCB 50 mg C18E KS0-9514	1200 mg MgSO ₄ 400 mg PSA 400 mg GCB 400 mg C18E KS0-9518	—	—

GC



LC



*All roQ Extraction kits contain fifty easy-pour salt packets and fifty 50 mL stand-alone centrifuge tubes.

**All roQ dSPE kits contain pre-weighed sorbents/salts inside 2 mL or 15 mL centrifuge tubes.

Recommended roQ Extraction and dSPE kits:

Mycotoxins Screening - Grains

Extraction

EN 15662 Method

4.0 g MgSO₄, 1.0 g NaCl,
1.0 g SCTD, 0.5 g SCDS

[KS0-8909](#)

Clean up/dSPE

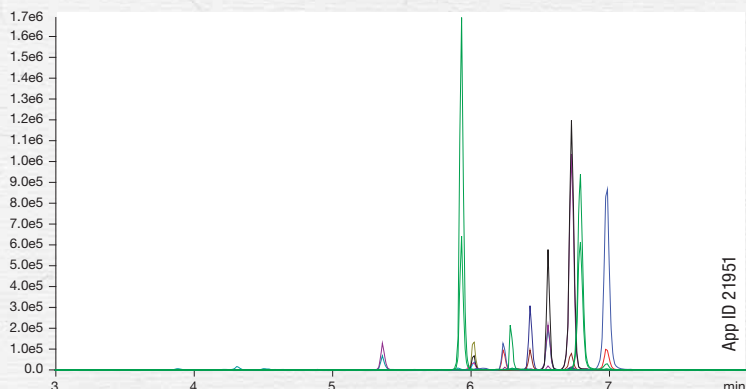
EN 15662 Method

15 mL dSPE Kits

900 mg MgSO₄, 150 mg PSA

[KS0-9507](#)

Analytical Column: Kinetex® Core-Shell 2.6 µm Biphenyl



Pesticide Screening - Fruits and Vegetables

Extraction

EN 15662 Method

4.0 g MgSO₄, 1.0 g NaCl,
1.0 g SCTD, 0.5 g SCDS

[KS0-8909](#)

Clean up/dSPE

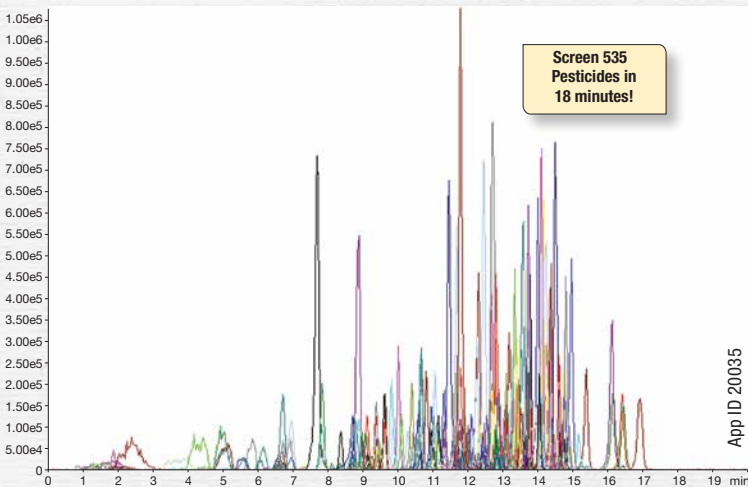
EN 15662 Method

15 mL dSPE Kits

900 mg MgSO₄, 150 mg PSA

[KS0-9507](#)

Analytical Column: Synergi™ 2.5 µm Fusion-RP



Antibiotics - Meats

Extraction

AOAC 2007.01 Method

6.0 g MgSO₄, 1.5 g NaOAc

[KS0-8911](#)

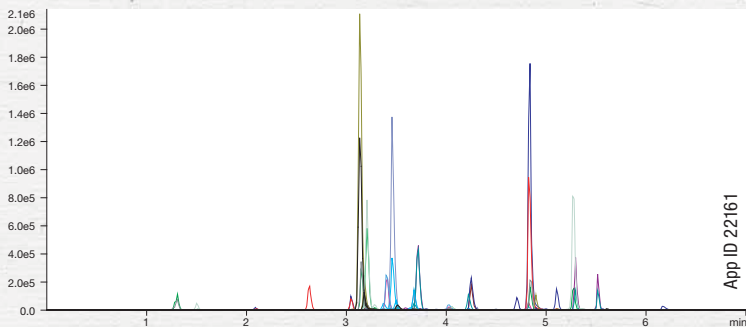
Clean up/dSPE

15 mL dSPE Kits

900 mg MgSO₄, 150 mg PSA,
150 mg C18E

[KS0-9508](#)

Analytical Column: Kinetex Core-Shell 2.6 µm Biphenyl



View More Applications

www.phenomenex.com/applications

Ordering Information

roQ™ Extraction Kits

Extraction kits contain fifty easy-pour salt packets and fifty 50 mL stand-alone centrifuge tubes

Description	Unit	Part No.	Price
AOAC 2007.01 Method Extraction Kits			
6.0 g MgSO ₄ , 1.5 g NaOAc	50/pk	KSO-8911*	
EN 15662 Method Extraction Kits			
4.0 g MgSO ₄ , 1.0 g NaCl, 1.0 g SCTD, 0.5 g SCDS	50/pk	KSO-8909*	
Original Non-buffered Method Extraction Kits			
4.0 g MgSO ₄ , 1.0 g NaCl	50/pk	KSO-8910	
6.0 g MgSO ₄ , 1.5 g NaCl	50/pk	KSO-8912	

*AOAC and EN Extraction Kits also available in traditional non-collared 50 mL centrifuge tubes, Part No.: [KSO-8911-NC](#) and [KSO-8909-NC](#)

roQ dSPE Kits

dSPE kits contain pre-weighed sorbents/salts inside 2 mL or 15 mL centrifuge tubes

Description	Unit	Part No.	Price
2 mL dSPE Kits			
150 mg MgSO ₄ , 25 mg PSA, 25 mg C18E	100/pk	KSO-9504	
150 mg MgSO ₄ , 25 mg PSA, 2.5 mg GCB	100/pk	KSO-9505	
150 mg MgSO ₄ , 25 mg PSA, 7.5 mg GCB	100/pk	KSO-9506	
150 mg MgSO ₄ , 25 mg PSA	100/pk	KSO-9503	
150 mg MgSO ₄ , 50 mg PSA, 50 mg C18E, 50 mg GCB	100/pk	KSO-9514	
150 mg MgSO ₄ , 50 mg PSA, 50 mg C18E	100/pk	KSO-9512	
150 mg MgSO ₄ , 50 mg PSA, 50 mg GCB	100/pk	KSO-9513	
150 mg MgSO ₄ , 50 mg PSA	100/pk	KSO-9511	
15 mL dSPE Kits			
900 mg MgSO ₄ , 150 mg PSA, 150 mg C18E	100/pk	KSO-9508	
900 mg MgSO ₄ , 150 mg PSA, 15 mg GCB	100/pk	KSO-9509	
900 mg MgSO ₄ , 150 mg PSA, 45 mg GCB	100/pk	KSO-9510	
900 mg MgSO ₄ , 150 mg PSA	100/pk	KSO-9507	
1200 mg MgSO ₄ , 400 mg PSA, 400 mg C18E, 400 mg GCB	100/pk	KSO-9518	
1200 mg MgSO ₄ , 400 mg PSA, 400 mg C18E	100/pk	KSO-9516	
1200 mg MgSO ₄ , 400 mg PSA, 400 mg GCB	100/pk	KSO-9517	
1200 mg MgSO ₄ , 400 mg PSA	100/pk	KSO-9515	

Bulk roQ QuEChERS Sorbents

Phase	10g	Price	100 g	Price
C18-E	—	—	04G-4348	Inquire
GCB (Graphitized Carbon Black)	04D-4615	Inquire	04G-4615	Inquire
PSA	—	—	04G-4610	Inquire

roQ Extraction Salt Packets

Salt packets only. Centrifuge tubes not included.

Description	Unit	Part No.	Price
AOAC 2007.01 Method Extraction Packets			
6.0 g MgSO ₄ , 1.5 g NaOAc	50/pk	AHO-9043	
EN 15662 Method Extraction Packets			
4.0 g MgSO ₄ , 1.0 g NaCl, 1.0 g SCTD, 0.5 g SCDS	50/pk	AHO-9041	
Original Non-Buffered Method Extraction Packets			
4.0 g MgSO ₄ , 1.0 g NaCl	50/pk	AHO-9042	
6.0 g MgSO ₄ , 1.5 g NaCl	50/pk	AHO-9044	

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