

## Why Choose roQ QuEChERS?

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.

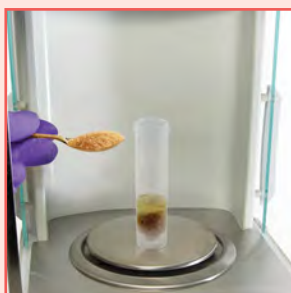


## Ease of Use

### Built-in Removable Rack\*



### Stand Alone Extraction Tubes



### Easy Pour Salt Packets



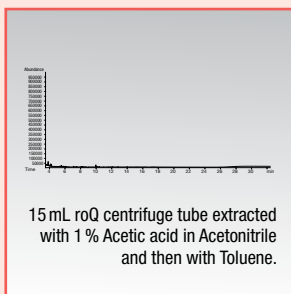
\*Applies to roQ Extraction Kits (excludes dSPE Kits)

## Quality

### Leak-Free Tubes



### Low Leachate Tubes



### Quality Management System Certified

- 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

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

\*Applies to roQ Extraction Kits (excludes dSPE Kits)

## 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](http://www.phenomenex.com/roQ)

## Select Your roQ QuEChERS Kit ( Quick - Easy - Cheap - Effective - Rugged - Safe )

### Step 1

#### Extraction\*

QuEChERS can be performed by following 3 different methods:  
The AOAC 2007.01 Method, the EN 15662 Method, or the Original Non-Buffered Method.

#### Select Your roQ Extraction Kit

| AOAC 2007.01 Method                                               | Original Non-Buffered Method                                     | EN 15662 Method                                                                             |
|-------------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 6.0 g MgSO <sub>4</sub> , 1.5 g NaOAc<br><a href="#">KS0-8911</a> | 4.0 g MgSO <sub>4</sub> , 1.0 g NaCl<br><a href="#">KS0-8910</a> | 4.0 g MgSO <sub>4</sub> , 1.0 g NaCl,<br>1.0 g SCTD, 0.5 g SCDS<br><a href="#">KS0-8909</a> |
|                                                                   | 6.0 g MgSO <sub>4</sub> , 1.5 g NaCl<br><a href="#">KS0-8912</a> |                                                                                             |

### Step 2

#### Clean Up/dSPE\*\*

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

\*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.

#### Salts and Sorbents used in roQ Kits

##### Extraction:

- Magnesium Sulfate (MgSO<sub>4</sub>)
- Sodium Acetate (NaOAc)
- Sodium Chloride (NaCl)
- Sodium Citrate Tribasic Dihydrate (SCTD)
- Sodium Citrate Dibasic Sesquihydrate (SCDS)

##### Clean Up/dSPE:

- Magnesium Sulfate (MgSO<sub>4</sub>)
- Primary/Secondary Amine (PSA)
- Endcapped C18 Sorbent (C18E)
- Graphitized Carbon Black (GCB)

## roQ™ Extraction Kits

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

### Ordering Information

| Description                                                  | Unit  | Part No.                  |
|--------------------------------------------------------------|-------|---------------------------|
| <b>AOAC 2007.01 Method Extraction Kits</b>                   |       |                           |
| 6.0 g MgSO <sub>4</sub> , 1.5 g NaOAc                        | 50/pk | <a href="#">KS0-8911*</a> |
| <b>EN 15662 Method Extraction Kits</b>                       |       |                           |
| 4.0 g MgSO <sub>4</sub> , 1.0 g NaCl, 1.0 g SCTD, 0.5 g SCDS | 50/pk | <a href="#">KS0-8909*</a> |
| <b>Original Non-Buffered Method Extraction Kits</b>          |       |                           |
| 4.0 g MgSO <sub>4</sub> , 1.0 g NaCl                         | 50/pk | <a href="#">KS0-8910</a>  |
| 6.0 g MgSO <sub>4</sub> , 1.5 g NaCl                         | 50/pk | <a href="#">KS0-8912</a>  |

\*AOAC and EN Extraction Kits also available in traditional non-collared 50 mL centrifuge tubes, Part No.: [KS0-8911-NC](#) and [KS0-8909-NC](#)

## roQ dSPE Kits

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

### Ordering Information

| Description                                                     | Unit   | Part No.                 |
|-----------------------------------------------------------------|--------|--------------------------|
| <b>2 mL dSPE Kits</b>                                           |        |                          |
| 150 mg MgSO <sub>4</sub> , 25 mg PSA, 25 mg C18E                | 100/pk | <a href="#">KS0-9504</a> |
| 150 mg MgSO <sub>4</sub> , 25 mg PSA, 2.5 mg GCB                | 100/pk | <a href="#">KS0-9505</a> |
| 150 mg MgSO <sub>4</sub> , 25 mg PSA, 7.5 mg GCB                | 100/pk | <a href="#">KS0-9506</a> |
| 150 mg MgSO <sub>4</sub> , 25 mg PSA                            | 100/pk | <a href="#">KS0-9503</a> |
| 150 mg MgSO <sub>4</sub> , 50 mg PSA, 50 mg C18E, 50 mg GCB     | 100/pk | <a href="#">KS0-9514</a> |
| 150 mg MgSO <sub>4</sub> , 50 mg PSA, 50 mg C18E                | 100/pk | <a href="#">KS0-9512</a> |
| 150 mg MgSO <sub>4</sub> , 50 mg PSA, 50 mg GCB                 | 100/pk | <a href="#">KS0-9513</a> |
| 150 mg MgSO <sub>4</sub> , 50 mg PSA                            | 100/pk | <a href="#">KS0-9511</a> |
| <b>15 mL dSPE Kits</b>                                          |        |                          |
| 900 mg MgSO <sub>4</sub> , 150 mg PSA, 150 mg C18E              | 100/pk | <a href="#">KS0-9508</a> |
| 900 mg MgSO <sub>4</sub> , 150 mg PSA, 15 mg GCB                | 100/pk | <a href="#">KS0-9509</a> |
| 900 mg MgSO <sub>4</sub> , 150 mg PSA, 45 mg GCB                | 100/pk | <a href="#">KS0-9510</a> |
| 900 mg MgSO <sub>4</sub> , 150 mg PSA                           | 100/pk | <a href="#">KS0-9507</a> |
| 1200 mg MgSO <sub>4</sub> , 400 mg PSA, 400 mg C18E, 400 mg GCB | 100/pk | <a href="#">KS0-9518</a> |
| 1200 mg MgSO <sub>4</sub> , 400 mg PSA, 400 mg C18E             | 100/pk | <a href="#">KS0-9516</a> |
| 1200 mg MgSO <sub>4</sub> , 400 mg PSA, 400 mg GCB              | 100/pk | <a href="#">KS0-9517</a> |
| 1200 mg MgSO <sub>4</sub> , 400 mg PSA                          | 100/pk | <a href="#">KS0-9515</a> |

## roQ Extraction Salt Packets

Salt packets only. Centrifuge tubes not included.

### Ordering Information

| Description                                                  | Unit  | Part No.                 |
|--------------------------------------------------------------|-------|--------------------------|
| <b>AOAC 2007.01 Method Extraction Packets</b>                |       |                          |
| 6.0 g MgSO <sub>4</sub> , 1.5 g NaOAc                        | 50/pk | <a href="#">AH0-9043</a> |
| <b>EN 15662 Method Extraction Packets</b>                    |       |                          |
| 4.0 g MgSO <sub>4</sub> , 1.0 g NaCl, 1.0 g SCTD, 0.5 g SCDS | 50/pk | <a href="#">AH0-9041</a> |
| <b>Original Non-Buffered Method Extraction Packets</b>       |       |                          |
| 4.0 g MgSO <sub>4</sub> , 1.0 g NaCl                         | 50/pk | <a href="#">AH0-9042</a> |
| 6.0 g MgSO <sub>4</sub> , 1.5 g NaCl                         | 50/pk | <a href="#">AH0-9044</a> |

## Bulk roQ QuEChERS Sorbents

### Ordering Information

| Phase                          | 10 g                     | 100 g                    |
|--------------------------------|--------------------------|--------------------------|
| C18-E                          | —                        | <a href="#">04G-4348</a> |
| GCB (Graphitized Carbon Black) | <a href="#">04D-4615</a> | <a href="#">04G-4615</a> |
| PSA                            | —                        | <a href="#">04G-4610</a> |



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

For Additional Food Resources Visit:

[www.phenomenex.com/food](http://www.phenomenex.com/food)

[www.phenomenex.com/roQ](http://www.phenomenex.com/roQ)

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