MAKE QuEChERS AS EASY AS 1-2-3 WITH AGILENT BOND ELUT QuEChERS KITS

**Step 1**
**EXTRACT**
Choose your salts

- **AOAC Method**
  - 2007.01: 6 g MgSO₄, 1 g NaCl, 15 g citric acid (5982-5755)

- **EN Method**
  - 1562: 4 g MgSO₄, 1 g NaCl, 15 g citric acid, 2 g sodium citrate dihydrate (5982-5555)

- **Original QuEChERS**
  - Extraction:
    - 10 g sample (5982-5550): 6 g MgSO₄, 1 g NaCl
    - 15 g sample (5982-5555): 6 g MgSO₄, 1.5 g NaCl

**Step 2**
**CLEAN**
Choose a dispersive SPE kit* specific to your matrix

- General Fruits and Vegetables
  - Removes polar organic acids, some sugars and lipids

- Pigmented Fruits and Vegetables
  - Removes polar organic acids, some sugars and lipids, plus high levels of carotenoids and chlorophyll

- Highly Pigmented Fruits and Vegetables
  - Removes polar organic acids, some sugars, more lipids and sterols

- Fruits and Vegetables with Fats and Waxes
  - Removes polar organic acids, some sugars and lipids, plus high levels of carotenoids and chlorophyll

- Fruits and Vegetables with Pigments and Fats
  - Removes polar organic acids, some sugars and lipids, plus carotenoids and chlorophyll; not for use with planar pesticides

- High-Fat Matrices
  - Removes lipids and other fatty interferences, including straight-chain aliphatic compounds; also effective in removing some pigments

- General Food
  - Removes all matrix-interfering materials including polar organic acids, lipids, sugars, proteins, carotenoids, and chlorophyll

- Animal Origin Food
  - Removes matrix interferences such as polar organic salts, sugars, lipids and proteins

- Other Foods
  - Removes biological matrix interferences, including hydrophobic substances (fats, lipids) and proteins

**Step 3**
**ANALYZE**
with Poroshell LC Columns or Ultra Inert GC Columns using the 6400 Series Triple Quadrupole LC/MS or 7000C Triple Quadrupole GC/MS System for targeted screening, or the 6500 Series Accurate-Mass Quadrupole Time-of-Flight (Q-TOF) or 7200 GC/Q-TOF for non-targeted screening.

*Shown here are kits in a 15 mL format unless otherwise noted. Agilent also offers many kits in 2 mL formats.

For more information on Agilent Bond Elut QuEChERS products visit www.agilent.com/chem/quechers

**DID YOU KNOW?**
We now offer a complete curriculum of flexible learning solutions from Agilent University.
Agilent University caters to all your individual and enterprise training needs by delivering a complete curriculum of flexible learning solutions. At Agilent University, you can find a wide range of learning options to meet the needs of your lab, helping optimize productivity on your new or existing equipment.
To learn more go to www.agilent.com/crosslab/university

**Bond Elut QuEChERS dSPE Enhanced Matrix Removal—Lipid (5982-1010)** in combination with Bond Elut Final Polish for Enhanced Matrix Removal—Lipid (5982-0101 or 5982-0102) is specifically designed to remove lipids from high-fat samples. The sorbent removes interfering lipids from samples while leaving analytes behind.

**Enhanced Matrix Removal—Lipid**

Information, descriptions, and specifications in this publication are subject to change without notice.
© Agilent Technologies, Inc. 2015 Printed in U.S.A. November 20, 2015 5990-5324EN