

**Fast Cleanup Dispersive SPE-C18 Kit**

Cat No.	Methods	Components	QTY
T0003-2100	AOAC 2007.01	2 mL Tube: 150 mg MgSO <sub>4</sub> + 50 mg PSA+ 50mg C18	100
T0003-2200	AOAC 2007.01	2 mL Tube: 150 mg MgSO <sub>4</sub> + 50 mg PSA+ 50mg C18	200
T0003-1550	AOAC 2007.01	15mL Tube: 1200 mg MgSO <sub>4</sub> + 400 mg PSA+ 400mg C18	50

**Description**

Dispersive SPE (dSPE), often referred to as the “QuEChERS” method (Quick, Easy, Cheap, Effective, Rugged, and Safe). It is a sample prep technique that has become popular in the areas of multi-residue pesticide analysis in food and agricultural products. It is used for the cleanup in sample preparation process.

Tribioscience’s Fast Cleanup Dispersive SPE-CB is a modified QuEChERS method containing a mixture of MgSO<sub>4</sub>, primary secondary amine (PSA), and C18 in 2mL tube or 15mL tube as described in the above table. It is used for cleanup of complicated matrix, including tea, herbs, cannabis, hems, other food samples for pesticide residue analysis in GC-MS, LC-MS analysis processing. It is based on the methods of AOAC2007.01.

**Applications**

The Fast Cleanup SPE-C18 method has been readily accepted by many pesticide residue analysts.

**Storage Conditions**

The kit is shipped, and stored at RT. Shelf life of 12 months after receipt.

**Procedures**

The sample (fruits, vegetables, tobacco, hemp, cannabis, etc.) is homogenized and centrifuged with a reagent and agitated. Following, a part of the sample is put into a dSPE Tube for cleanup prior to analysis by gas-liquid chromatography -Mass or liquid-liquid chromatography-Mass.

Note: Samples prepared using the Fast Cleanup SPE-C18 method can be processed more quickly using a homogenization instruments in a centrifuge tube.

Research use only.