Fast Cleanup Dispersive SPE-CB Kit

Cat No.	Methods	Components	QTY
T0002-2100	AOAC 2007.01	2 mL Tube: 150 mg MgSO4 + 50 mg PSA+ 50mg CB	100
T0002-2200	AOAC 2007.01	2 mL Tube: 150 mg MgSO4 + 50 mg PSA+ 50mg CB	200
T0002-1550	AOAC 2007.01	15mL Tube: 1200 mg MgSO4+ 400 mg PSA+ 400mg CB	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 SPE-CB is a modified QuEChERS method containing a mixture of MgSO4, primary secondary amine (PSA), and Carbon Black (CB) in 2mL tube or 15mL tube as described in the above table. It is used for cleanup of complicated matrix, including tea, herbs, cannabis, hemps, 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-CB 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-CB method can be processed more quickly using a homogenization instruments in a centrifuge tube.

Research use only.

365 San Aleso Ave, Sunnyvale, CA 94085 USA Website: www.tribiosciences.com
Tel: 408-498-0197 / 650-917-9269, Fax: 650-618-5498 Email: order@tribioscience.com