

QuEChERS Dispersive Kit

Cat No.	Methods	Components	QTY
T0001-2100	AOAC 2007.01	150 mg MgSO ₄ ;50 mg PSA 2 mL Tube	100
T0001-2200	AOAC 2007.01	150 mg MgSO ₄ ;50 mg PSA 2 mL Tube	200
T0001-1550	AOAC 2007.01	1200 mg MgSO ₄ ;400 mg PSA 15 mL Tube	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 dSPE tube contains a mixture of MgSO₄, primary secondary amine (PSA) in 2 mL or 15 mL tube. It designed for cleanup of complicated matrix, including tea, herbs, cannabis, hemp, 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 QuEChERS 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 QuEChERS method can be processed more quickly using a homogenization instruments in a centrifuge tube.

Research use only.