FAPAS® Food Testing Program*

- External check of quality for laboratories performing food testing.
- Ensures accurate proficiency testing.

Laboratories testing food quality and safety are encouraged to routinely perform proficiency tests. Proficiency testing is an external check of quality. It provides an independent and unbiased assessment of the performance of all aspects of the laboratory, both human and hardware. Each participating laboratory is encouraged to use its normal analytical method, thereby simulating the testing of a routine laboratory sample as closely as possible. While the outcome of the analysis may depend on the choice of method, it also could be affected by the performance of the laboratory equipment or the competence of the analyst. Using proficiency testing, those laboratories performing well can ensure high standards are maintained and those performing unsatisfactorily can implement corrective action rapidly. In an environment in which analytical laboratories compete intensively for work, proficiency testing provides the means by which external customers can compare competence in carrying out specific tests. Together with laboratory accreditation and the use of validated methods, proficiency tests are an important requirement of the EU Additional Measures Directive 93/99/EEC applying to laboratories entrusted with the official control of food.

*Use of Restek calibration mixtures by laboratories participating in the FAPAS® program is voluntary and no endorsement of any Restek product has been made by the Central Science Laboratory. To obtain further information regarding the FAPAS® program, or to participate, contact fapas@csl.gov.uk.

also **available**

Plastic Container Testing Reference Materials. See **page 501**.

Equal concentration of all compounds. Suitable for GC/MS analysis.

FAPAS® Series 5 OC Pesticide Mix 1

(19 components)

aldrin	dieldrin
α-BHC	α-endosulfan (I)
β-BHC	β-endosulfan (II)
γ-BHC (lindane)	endosulfan sulfate
α-chlordane (*cis*)	endrin
γ-chlordane (*trans*)	heptachlor
4,4'-DDD	heptachlor epoxide (isomer B)
4,4'-DDE	hexachlorobenzene
2,4'-DDT	oxychlordane
4,4'-DDT	

100µg/mL each in acetone, 1mL/ampul

cat. # 32412 (ea.)

Equal concentration of all compounds. Suitable for GC/FPD, GC/NPD, & GC/MS analysis.

FAPAS® Series 9 OP Pesticide Mix 1

(10 components)

chlorpyriphos	fenitrothion
chlorpyriphos-methyl	malathion
diazinon	methacriphos
dichlorvos	phosphamidon
etrimphos	pirimiphos-methyl

100µg/mL each in acetone, 1mL/ampul

cat. # 32413 (ea.)

Varied concentrations. Suitable for GC/ECD analysis.

FAPAS® Series 5 OC Pesticide Mix 2

(19 components)

aldrin	10µg/mL	dieldrin	20
α-BHC	10	α-endosulfan (I)	10
β-BHC	10	β-endosulfan (II)	20
γ-BHC (lindane)	10	endosulfan sulfate	20
α-chlordane (*cis*)	10	endrin	20
γ-chlordane (*trans*)	10	heptachlor	10
4,4'-DDD	20	heptachlor epoxide (isomer B)	10
4,4'-DDE	20	hexachlorobenzene	10
2,4'-DDT	20	oxychlordane	10
4,4'-DDT	20		

In acetone, 1mL/ampul

cat. # 32414 (ea.)

FAPAS-registered trademark of Central Science Laboratory, Sand Hutton, York, YO41, UK.

free literature

Foods, Flavors, and Fragrances

Includes important analysis tips, and chromatograms for analysis of fats and oils, carbohydrates, vitamins, amino acids, organic acids, preservatives, flavors and fragrances, essential oils, and chiral separations. Retention time indices and complete product listings for all relevant GC and HPLC products also are included.

Minicatalog
lit. cat.# 59260A

Monitoring Volatile Compounds in Food Contact Packaging, Using Purge and Trap GC/MS and an Rtx®-5MS Capillary Column

Download your free copy from www.restek.com

Applications Note
lit. cat.# 59348