

## Pesticides Calibration Mixtures

Components of these products are at 16x the Contract Required Quantitation Level (CRQL) and can be used to prepare calibration mixes at 4x CRQL and at 1x CRQL by serial dilution.

### Pesticide Standard Mix A w/Surrogates (11 components)

$\alpha$ -BHC	8 $\mu$ g/mL	endosulfan I	8
$\gamma$ -BHC (lindane)	8	endrin	16
4,4'-DDD	16	heptachlor	8
4,4'-DDT	16	methoxychlor	80
decachlorobiphenyl (SS)	16	2,4,5,6-tetrachloro- <i>m</i> -xylene (SS)	8
dieldrin	16		

In hexane, 1mL/ampul

cat. # 32003 (ea.)

### Pesticide Standard Mix B w/Surrogates (13 components)

aldrin	8 $\mu$ g/mL	endosulfan II	16
$\beta$ -BHC	8	endosulfan sulfate	16
$\delta$ -BHC	8	endrin aldehyde	16
$\alpha$ -chlordane	8	endrin ketone	16
$\gamma$ -chlordane	8	heptachlor epoxide (isomer B)	8
4,4'-DDE	16	2,4,5,6-tetrachloro- <i>m</i> -xylene (SS)	8
decachlorobiphenyl (SS)	16		

In hexane, 1mL/ampul

cat. # 32004 (ea.)

### Pesticide Kit #3

Calibration mixes only for CLP 04.1. Includes pesticide standard mixes A & B at 16x CRQL with surrogates.

32003: Pesticide Standard Mix A w/Surrogates

32004: Pesticide Standard Mix B w/Surrogates

32005: Toxaphene

32007: Aroclor 1221

32008: Aroclor 1232

32009: Aroclor 1242

32010: Aroclor 1248

32011: Aroclor 1254

32039: Aroclor 1016/1260

Contains 1mL each of these mixtures.

cat. # 32404 (kit)



## Aroclor Solutions

Volume is 1mL/ampul. Concentration is  $\mu$ g/mL unless otherwise noted.

Compound	Solvent	Conc.	cat.# (ea.)	price
Aroclor 1016	H	1,000	32006	
Aroclor 1016	I	200	32064	
Aroclor 1016	TO	50mg/kg	32075	
Aroclor 1016	TO	500mg/kg	32076	
Aroclor 1221	H	1,000	32007	
Aroclor 1221	I	200	32065	
Aroclor 1221	TO	50mg/kg	32077	
Aroclor 1221	TO	500mg/kg	32078	
Aroclor 1232	H	1,000	32008	
Aroclor 1232	I	200	32066	
Aroclor 1232	TO	50mg/kg	32079	
Aroclor 1232	TO	500mg/kg	32080	
Aroclor 1242	H	1,000	32009	
Aroclor 1242	I	200	32067	
Aroclor 1242	TO	50mg/kg	32081	
Aroclor 1242	TO	500mg/kg	32082	
Aroclor 1248	H	1,000	32010	
Aroclor 1248	I	200	32068	
Aroclor 1248	TO	50mg/kg	32083	
Aroclor 1248	TO	500mg/kg	32084	
Aroclor 1254	H	1,000	32011	
Aroclor 1254	I	200	32069	
Aroclor 1254	TO	50mg/kg	32085	
Aroclor 1254	TO	500mg/kg	32086	
Aroclor 1260	H	1,000	32012	
Aroclor 1260	I	200	32070	
Aroclor 1260	TO	50mg/kg	32087	
Aroclor 1260	TO	500mg/kg	32088	
Aroclor 1262	H	1,000	32409	
Aroclor 1268	H	1,000	32410	
Aroclor 1016/1260	H	1,000	32039	
Aroclor 1016/1260	I	200	32299	
Aroclor 1016/1260	A	400	32456	

A = acetone

H = hexane

I = isooctane

TO = transformer oil (PCB-free)

## please note

We test our transformer oil solvent to ensure that it is PCB-free.

## Technical Chlordane, Toxaphene Solutions

Volume is 1mL/ampul. Concentration is  $\mu$ g/mL.

Compound	Solvent	Conc.	cat.# (ea.)	price
chlordane (technical)	H	1,000	32021	
chlordane (technical)	I	5,000	32072	
chlordane (technical)	M	2,000	32016	
toxaphene	H	1,000	32005	
toxaphene	I	5,000	32071	
toxaphene	M	2,000	32015	

H = hexane

I = isooctane

M = methanol



### also available

See pages 80-81 for Rtx®-CLPesticides and Rtx®-CLPesticide2 capillary columns for pesticides analysis.

See page 452 for our complete listing of PCBs and congeners.

## i tech tip

### Achieving the Best Results from Gas Standards

In order to achieve the best results from gas standards, proper handling and storage of gas solutions is of vital importance. Use the following tips to help ensure trouble-free performance:

- Before opening the sealed ampul, warm it to room temperature and invert ampul several times. This will redissolve any gases that may have migrated into the headspace of the ampul.
- When diluting a gas standard, always add it to a solvent. Adding the gas standard to an empty vessel prior to adding solvent will result in the loss of gas compounds.
- When diluting a gas standard in solvent, make sure the pipette or needle tip is directly above, or immersed below, the solvent surface.
- We recommend that any unused portion of gas standard be disposed of after it has been removed from the sealed ampul. If it is necessary to store the unused portion, place it into a tightly capped vial and store it in the freezer.
- We recommend that any gas solutions that have been stored outside of a sealed ampul be disposed of after 7 days.