

# 500 Series Methods

## Method 507 (Nitrogen & Phosphorus Pesticides)

### Organonitrogen Pesticide Mix #1 (Rev), Method 525.2

(37 components)

alachlor	molinate
ametryn	napropamide (Devrinol)
atraton	norflurazon
atrazine	pebulate
bromacil	prometon
butachlor	prometryne
butylate	pronamide (propyzamide)
chlorpropham	propachlor
cyanazine (Bladex)	propazine
cycloate	simazine
diphenamid	simetryn
EPTC	tebuthiuron
etridiazole (Terrazole)	terbacil
fenarimol	terbutryn
fluridone (Sonar)	triadimefon
hexazinone (Velpar)	tricyclazole (Beam)
metolachlor	trifluralin
metribuzin	vernolate
MGK-264	

500µg/mL each in acetone, 1mL/ampul

cat. # 33012 (ea.)

### Organophosphorus Pesticide Mix #1 (Rev), Method 525.2

(7 components)

chlorpyrifos (Dursban)	methyl paraoxon (parathion methyl-O-analog)
dichlorvos (DDVP)	mevinphos (phosdrin)
disulfoton sulfone	stirofos (tetrachlorvinphos)
ethoprop (ethoprophos)	

500µg/mL each in acetone, 1mL/ampul

cat. # 33013 (ea.)

### Method 525.2 Nitrogen/Phosphorus Pesticide Mix #2

(6 components)

carboxin	fenamiphos
diazinon	merphos
disulfoton	terbufos

1,000µg/mL each in acetone, 1mL/ampul

cat. # 32423 (ea.)

## Method 508, 508.1, 508A (Chlorinated Pesticides)

### 508.1 Internal Standard

pentachloronitrobenzene

100µg/mL in ethyl acetate, 1mL/ampul

cat. # 32091 (ea.)

### 508.1 Surrogate

4,4'-dibromobiphenyl

500µg/mL in ethyl acetate, 1mL/ampul

cat. # 32092 (ea.)

### 508.1 GC Degradation Check Mix

4,4'-DDT endrin

100µg/mL each in ethyl acetate, 1mL/ampul

cat. # 32093 (ea.)

## Method 508, 508.1, 508A (Chlorinated Pesticides) cont'd

### 508 Performance Check Mix (4 components)

δ-BHC	0.4µg/mL	chlorpyrifos	0.02
chlorothalonil	0.5	DCPA (Dacthal)	0.5

In methyl *tert*-butyl ether, 1mL/ampul

cat. # 32045 (ea.)

### 508.1 Calibration Mix #1 (17 components)

aldrin	endosulfan I
α-BHC	endosulfan II
β-BHC	endosulfan sulfate
δ-BHC	endrin
γ-BHC (lindane)	endrin aldehyde
4,4'-DDD	heptachlor
4,4'-DDE	heptachlor epoxide (isomer B)
4,4'-DDT	methoxychlor
dieldrin	

500µg/mL each in ethyl acetate, 1mL/ampul

cat. # 32094 (ea.)

### 508.1 Calibration Mix #2 (11 components)

chlorobenzilate	hexachlorobenzene
α-chlordane	<i>cis</i> -permethrin*
γ-chlordane	<i>trans</i> -permethrin*
chlorneb	propachlor
DCPA (Dacthal)	trifluralin
etridiazole	

500µg/mL each in ethyl acetate, 1mL/ampul

cat. # 32095 (ea.)

\*1,000µg/mL total permethrin. Exact content of each isomer listed on certificate of analysis.

### 508.1 Calibration Mix #3 (8 components)

alachlor	hexachlorocyclopentadiene
atrazine	metolachlor
chlorthalonil	metribuzin
cyanazine	simazine

500µg/mL each in ethyl acetate, 1mL/ampul

cat. # 32096 (ea.)

### Toxaphene Solutions

1,000µg/mL in hexane, 1mL/ampul

cat. # 32005 (ea.)

2,000µg/mL in methanol, 1mL/ampul

cat. # 32015 (ea.)

5,000µg/mL in isooctane, 1mL/ampul

cat. # 32071 (ea.)

### Organochlorine Pesticide System Evaluation Mix (2 components)

4,4'-DDT 200µg/mL

endrin 100µg/mL

In methyl *tert*-butyl ether, 1mL/ampul

cat. # 32417 (ea.)

### Decachlorobiphenyl, 508A

200µg/mL in acetone, 1mL/ampul

cat. # 32029 (ea.)

200µg/mL in acetone, 5mL/ampul

cat. # 32030 (ea.)

10µg/mL in isooctane, 1mL/ampul

cat. # 32289 (ea.)

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