

500 Series Methods

Method 525, 525.1, 525.2 (Semivolatile Organics)

Method 525.2 Internal Standard Mix (3 components)

acenaphthene-d10 phenanthrene-d10
 chrysene-d12
 1,000µg/mL each in acetone, 1mL/ampul
 cat. # 31825 (ea.)

Method 525.2 Surrogate Standard Mix (4 components)

2-nitro-*m*-xylene pyrene-d10
 perylene-d12 triphenylphosphate
 1,000µg/mL each in acetone, 1mL/ampul
 cat. # 31826 (ea.)

Method 525.2 Herbicide Analytes

Volume is 1mL/ampul. Concentration is µg/mL.

Compound	Solvent	Conc.	cat.# (ea.)	price
acetochlor	M	100	33208	
alachlor	M	100	33207	
metolachlor	M	100	33209	

M = methanol

Method 525.2 Herbicide Mix (3 components)

acetochlor metolachlor
 alachlor
 100µg/mL in methanol, 1mL/ampul
 cat. # 33211 (ea.)

Method 525.2 Semivolatile Mix (revised) (28 components)

acenaphthylene	di- <i>n</i> -butylphthalate
anthracene	2,4-dinitrotoluene
benzo(a)anthracene	2,6-dinitrotoluene
benzo(a)pyrene	di- <i>n</i> -octylphthalate
benzo(b)fluoranthene	fluoranthene
benzo(ghi)perylene	fluorene
benzo(k)fluoranthene	hexachlorobenzene
benzylbutylphthalate	hexachlorocyclopentadiene
bis(2-ethylhexyl)adipate	indeno(1,2,3-cd)pyrene
bis(2-ethylhexyl)phthalate	isophorone
chrysene	naphthalene
dibenzo(a,h)anthracene	pentachlorophenol*
diethylphthalate	phenanthrene
dimethylphthalate	pyrene

1,000µg/mL each in acetone, 1mL/ampul*
 cat. # 31899 (ea.)

*pentachlorophenol at 4,000µg/mL.

Method 525.2 PCB Congener Mix (8 components)

2-chlorobiphenyl (BZ#1)
 2,3-dichlorobiphenyl (BZ#5)
 2,4,5-trichlorobiphenyl (BZ#29)
 2,2',4,4'-tetrachlorobiphenyl (BZ#47)
 2,2',3',4,6-pentachlorobiphenyl (BZ#98)
 2,2',4,4',5,6'-hexachlorobiphenyl (BZ#154)
 2,2',3,3',4,4',6-hexachlorobiphenyl (BZ#171)
 2,2',3,3',4,4',5,6'-octachlorobiphenyl (BZ#200)
 200µg/mL each in acetone, 1mL/ampul
 cat. # 32420 (ea.)

Organochlorine Pesticide Mix AB # 3 (20 components)

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

2,000µg/mL each in hexane:toluene (1:1), 1mL/ampul
 cat. # 32415 (ea.)

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.)

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See pages 88-90 for details.



also available

See pages 452-453 for 502.2 MegaMix® and 502.2 calibration mixes.