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

508 Performance Check Mix

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

At concentrations listed 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.)

*1000µg/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
cyazazine	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

4,4'-DDT	200µg/mL
endrin	100µg/mL

In MTBE, 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.)

Method 515, 515.4 (Chlorinated Acid Herbicides)

Herbicide Internal Standard

4,4'-dibromooctafluorobiphenyl	cat. # 32053 (ea.)
250µg/mL in hexane, 1mL/ampul	
2,000µg/mL in methyl <i>tert</i> -butyl ether, 1mL/ampul	cat. # 31856 (ea.)

Herbicide Surrogate

Free Acid Form:

2,4-dichlorophenylacetic acid (DCAA)	
200µg/mL in methanol, 1mL/ampul	cat. # 32049 (ea.)
1,000µg/mL in acetone, 1mL/ampul	cat. # 32439 (ea.)

Derivatized Form:

2,4-dichlorophenyl acetic acid methyl ester (DCAA methyl ester)	
200µg/mL in hexane, 1mL/ampul	cat. # 32050 (ea.)

Herbicide Lab Performance Check Mix

dinoseb methyl ether	4µg/mL
DCAA methyl ester	500
4,4'-dibromooctafluorobiphenyl	250
3,5-dichlorobenzoic acid methyl ester	600
4-nitroanisole	1,600

In MTBE, 1mL/ampul
cat. # 32063 (ea.)

Herbicide Mix #1 (7 components)

Free Acid Form:

2,4-D	dicamba
2,4-DB	dichlorprop
2,4,5-T	dinoseb
2,4,5-TP	

200µg/mL each in methanol, 1mL/ampul
cat. # 32054 (ea.)

Derivatized Form:

2,4-D methyl ester	dicamba methyl ester
2,4-DB methyl ester	dichlorprop methyl ester
2,4,5-T methyl ester	dinoseb methyl ether
2,4,5-TP methyl ester	

200µg/mL each in hexane, 1mL/ampul
cat. # 32055 (ea.)