

600 Series Methods

Method 615 (Chlorinated Acid Herbicides)

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.) \$27

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.)

Herbicide Mix #2

Free Acid Form

dalapon

1,000µg/mL in acetonitrile, 1mL/ampul

cat. # 32432 (ea.)

1,000µg/mL in methanol, 1mL/ampul

cat. # 32253 (ea.)

2,000µg/mL in methanol, 1mL/ampul

cat. # 32056 (ea.)

Derivatized Form

dalapon methyl ester

2,000µg/mL in hexane, 1mL/ampul

cat. # 32057 (ea.)

1,000µg/mL in methanol, 1mL/ampul

cat. # 32254 (ea.)

Herbicide Mix #3 (2 components)

Free Acid Form

MCPA

MCPP

20,000µg/mL each in methanol, 1mL/ampul

cat. # 32058 (ea.)

Derivatized Form

MCPA methyl ester

MCPP methyl ester

20,000µg/mL each in hexane, 1mL/ampul

cat. # 32059 (ea.)

also available

Additional chlorinated acid herbicides mixes:

see Method 555, **page 463**
and Method 8321, **page 484**



Method 624 (Purgeable Halocarbons)

Volatiles MegaMix®, EPA Method 624 (26 components)

benzene

1,1-dichloroethene

bromodichloromethane

trans-1,2-dichloroethene

bromoform

1,2-dichloropropane

carbon tetrachloride

cis-1,3-dichloropropene

chlorobenzene

trans-1,3-dichloropropene

2-chloroethyl vinyl ether

ethylbenzene

chloroform

methylene chloride

dibromochloromethane

1,1,2,2-tetrachloroethane

1,2-dichlorobenzene

tetrachloroethene

1,3-dichlorobenzene

toluene

1,4-dichlorobenzene

1,1,1-trichloroethane

1,1-dichloroethane

1,1,2-trichloroethane

1,2-dichloroethane

trichloroethene

2,000µg/mL each in P&T methanol, 1mL/ampul

cat. # 30497 (ea.)

624 Internal Standard Mix (3 components)

bromochloromethane

1,4-dichlorobutane

2-bromo-1-chloropropane

1,500µg/mL each in P&T methanol, 1mL/ampul

cat. # 30023 (ea.)

624 Surrogate Standard Mix (3 components)

4-bromofluorobenzene

pentafluorobenzene

fluorobenzene

2,000µg/mL each in P&T methanol, 1mL/ampul

cat. # 30243 (ea.)

Surrogate Standard (2 components)

4-bromofluorobenzene

α,α,α-trifluorotoluene

2,500µg/mL each in P&T methanol, 1mL/ampul

cat. # 30484 (ea.)

624 Calibration Mix #1 (gases) (5 components)

bromomethane

trichlorofluoromethane (CFC-11)

chloroethane

vinyl chloride

chloromethane

2,000µg/mL each in P&T methanol, 1mL/ampul

cat. # 30020 (ea.)

624 Calibration Mix #2 (12 components)

benzene

1,1-dichloroethene

carbon tetrachloride

1,2-dichloropropane

chlorobenzene

methylene chloride

2-chloroethyl vinyl ether

tetrachloroethene

dibromochloromethane

1,1,2-trichloroethane

1,1-dichloroethane

trichloroethene

2,000µg/mL each in P&T methanol, 1mL/ampul

cat. # 30021 (ea.)

624 Calibration Mix #3 (14 components)

bromodichloromethane

trans-1,2-dichloroethene

bromoform

cis-1,3-dichloropropene

chloroform

trans-1,3-dichloropropene

1,2-dichlorobenzene

ethylbenzene

1,3-dichlorobenzene

1,1,2,2-tetrachloroethane

1,4-dichlorobenzene

toluene

1,2-dichloroethane

1,1,1-trichloroethane

2,000µg/mL each in P&T methanol, 1mL/ampul

cat. # 30022 (ea.)