

Method 609 (Nitroaromatics/Isophorone)**609 Nitroaromatics & Isophorone****Calibration Mix**

| | |
|--------------------------------------|--------------------|
| 2,4-dinitrotoluene | 2,6-dinitrotoluene |
| isophorone | nitrobenzene |
| 2,000µg/mL each in hexane, 1mL/ampul | |
| cat. # 31033 (ea.) | |

Method 610 (Polycyclic Aromatic Hydrocarbons [PAHs])**SV Calibration Mix #5 / 610 PAH Mix**

(16 components)

| | |
|--|------------------------|
| acenaphthene | chrysene |
| acenaphthylene | dibenzo(a,h)anthracene |
| anthracene | fluoranthene |
| benzo(a)anthracene | fluorene |
| benzo(a)pyrene | indeno(1,2,3-cd)pyrene |
| benzo(b)fluoranthene | naphthalene |
| benzo(k)fluoranthene | phenanthrene |
| benzo(ghi)perylene | pyrene |
| 2,000µg/mL each in methylene chloride, 1mL/ampul | |
| cat. # 31011 (ea.) | |

610 PAH Calibration Mix A (16 components)

For HPLC/fluorescence detection.

| | | | |
|----------------------------------|-----------|------------------------|------|
| acenaphthene | 1000µg/mL | chrysene | 500 |
| acenaphthylene | 1000 | dibenzo(a,h)anthracene | 500 |
| anthracene | 1000 | fluoranthene | 500 |
| benzo(a)anthracene | 500 | fluorene | 1000 |
| benzo(a)pyrene | 500 | indeno(1,2,3-cd)pyrene | 500 |
| benzo(b)fluoranthene | 500 | naphthalene | 1000 |
| benzo(k)fluoranthene | 500 | phenanthrene | 500 |
| benzo(ghi)perylene | 500 | pyrene | 500 |
| In methylene chloride, 1mL/ampul | | | |
| cat. # 31264 (ea.) | | | |

610 PAH Calibration Mix B (16 components)

For HPLC/UV detection.

| | | | |
|---|-----------|------------------------|------|
| acenaphthene | 1000µg/mL | chrysene | 100 |
| acenaphthylene | 2000 | dibenzo(a,h)anthracene | 200 |
| anthracene | 100 | fluoranthene | 200 |
| benzo(a)anthracene | 100 | fluorene | 200 |
| benzo(a)pyrene | 100 | indeno(1,2,3-cd)pyrene | 100 |
| benzo(b)fluoranthene | 200 | naphthalene | 1000 |
| benzo(k)fluoranthene | 100 | phenanthrene | 100 |
| benzo(ghi)perylene | 200 | pyrene | 100 |
| In methylene chloride:methanol (1:1), 1mL/ampul | | | |
| cat. # 31455 (ea.) | | | |

Method 611 (Haloethers)**611 Haloethers Calibration Mix**

| | |
|---------------------------------------|-----------------------------|
| bis(2-chloroethoxy)methane | 4-bromophenyl phenyl ether |
| bis(2-chloroethyl)ether | 4-chlorophenyl phenyl ether |
| bis(2-chloroisopropyl)ether | |
| 2,000µg/mL each in acetone, 1mL/ampul | |
| cat. # 31034 (ea.) | |

Method 612 (Chlorinated Hydrocarbons)**612 Chlorinated Hydrocarbons Calibration Mix**

(9 components)

| | |
|--|---------------------------|
| 2-chloronaphthalene | hexachlorobutadiene |
| 1,2-dichlorobenzene | hexachlorocyclopentadiene |
| 1,3-dichlorobenzene | hexachloroethane |
| 1,4-dichlorobenzene | 1,2,4-trichlorobenzene |
| hexachlorobenzene | |
| 2,000µg/mL each in isoctane, 1mL/ampul | |
| cat. # 31035 (ea.) | |

also available

Additional chlorinated acid herbicides mixes:

see Method 555, page 453
and Method 8321, page 470**dependable execution**

Chris has given the Analytical Reference Materials Group invaluable feedback on many new reference materials for environmental applications, and is always ready to help with redesigning mixes to meet changes in methods or to improve shelf life. In addition, he runs many applications that appear in Restek Advantage newsletter articles, to help promote awareness of new mixes.



Chris English,
Innovations Group Leader

Herbicide Mix #3**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.) |