



Convenience for you is the name of the game. AccuStandard has put together the widest selection of environmental, industrial, and chemical by-products kits in the world.

A. **PolyStandard™ Kits** - Dr. Seaton Preston, recognizing the need for standards kits, began producing them for chromatographers 35 years ago. In 1999, the PolyScience Analytical Standard Division was acquired by AccuStandard, and the kits line was re-named "PolyStandard" kits. Same product, new name.

- get pre-assembled group of related chemicals
- convenient quantities
- no more storage or disposal cost
- economically priced

This section contains 48 different groups of organic compounds in kit form. There are over 70 PolyStandard Kits covering more than 1000 chemicals in neat form. This allows you to *easily identify* closely related chemicals that may appear in your sample. Kits have up to 22 components from the same chemical group. Calibration mixtures are also included in most of the kits.

AccuStandard's PolyStandard line also contains column test mixtures, with both the "Grob" type and the "McReynolds" constant type formulations.

B. **ThetaAccu™ Kits** - In 2001, AccuStandard acquired the world known Theta Kit product line from the theta corporation, after 30 years of operation. The line was re-named the ThetaAccu Kits. Choose from the kits shown, or any of the others available.

Materials are different configurations of similarly configured kit compositions which are used for qualitative analysis. They have similar applications as PolyStandards kits as they are used for identification purposes.

C. **Fabrikits™** - The original AccuStandard kits represent a comprehensive collection of important classes of compounds. Choose from the listed kits or mix-and-match among the listed chemicals to make a kit to match your individual laboratory requirements. AccuStandard offers dozens of other kits in other parts of this catalog (see Pesticides and PAHs).

Alcohols

C₁-C₅ Alcohols

PS-111C \$ 95 / 15 ampules

Neat at the stated quantities.

(01) Methanol	1 mL
(02) Ethanol	2 mL
(03) 1-Propanol	2 mL
(04) 2-Propanol	2 mL
(05) 1-Butanol	2 mL
(06) 2-Butanol	2 mL
(07) 2-Methyl-1-propanol	2 mL
(08) 2-Methyl-2-propanol	2 mL
(09) 1-Pentanol	2 mL
(10) 2-Pentanol	2 mL
(11) 3-Pentanol	2 mL
(12) 2-Methyl-1-butanol	2 mL
(13) 3-Methyl-1-butanol	2 mL
(14) 2-Methyl-2-butanol	2 mL
(15) Alcohols Mixture PS-11C	2 mL

At the stated weight %

1-Propanol	9.1%
2-Methyl-1-propanol	9.1%
1-Butanol	9.2%
4-Methyl-2-pentanol	26.7%
1-Pentanol	27.0%
2-Ethyl-1-butanol	18.9%

Calibration Mixture

PS-11C \$ 25 / 2 mL ampule

Neat at the stated weight % listed above

C₆-C₈ Alcohols

PS-131C \$ 125 / 15 vials

2 mL each. Neat.

(01) 1-Hexanol	
(02) 2-Hexanol	
(03) 3-Hexanol	
(04) 2-Methyl-1-pentanol	
(05) 4-Methyl-2-pentanol	
(06) 2-Methyl-3-pentanol	
(07) 3-Methyl-3-pentanol	
(08) 2-Ethyl-1-butanol	
(09) 3,3-Dimethyl-2-butanol	
(10) 1-Heptanol	
(11) 2-Heptanol	
(12) 2,4-Dimethyl-3-pentanol	
(13) 1-Octanol	
(14) 2-Octanol	
(15) Alcohols Mixture PS-13C	

At the stated weight %.

3-Methyl-3-pentanol	11.1%
1-Pentanol	4.2%
2-Ethyl-1-butanol	11.1%
1-Hexanol	16.6%
Cyclohexanol	29.1%
1-Heptanol	27.9%

Calibration Mixture

PS-13C \$ 25 / 2 mL vial

Neat at the stated weight % listed above

nC₆-C₂₂ Alcohols

PS-121C \$ 105 / 15 vials

2 mL each at the stated concentrations by weight % in Ethylbenzene solvent.

(01) 1-Hexanol	Neat
(02) 1-Heptanol	Neat
(03) 1-Octanol	Neat
(04) 1-Nonanol	Neat
(05) 1-Decanol	Neat
(06) 1-Undecanol	Neat
(07) 1-Dodecanol	10%
(08) 1-Tridecanol	10%
(09) 1-Tetradecanol	10%
(10) 1-Pentadecanol	10%
(11) 1-Hexadecanol	10%
(12) 1-Octadecanol	5%
(13) 1-Eicosanol	5%
(14) 1-Docosanol	5%
(15) Alcohols Mixture PS-12C	Neat

At the stated weight %

1-Butanol	45.8%
1-Pentanol	22.3%
1-Hexanol	17.7%
1-Heptanol	14.3%

Calibration Mixture

PS-12C \$ 25 / 2 mL vial

Neat at the stated weight % listed above

nC₆-C₂₂ Alcohols, NEAT

PS-121CX \$ 125

Vials 1 through 6 & 15, 2 mL each.
Vials 7 through 14, 0.5 g each.



PolyStandard™ Kits

Ketones, Aromatics, MS Instrument Calibration Standards

Ketones

Normal Ketones

PS-411C \$ 105 / 15 vials

2 mL each. Neat.

- (01) 2-Butanone
- (02) 2-Pentanone
- (03) 3-Pentanone
- (04) 2-Hexanone
- (05) 2-Heptanone
- (06) 3-Heptanone
- (07) 4-Heptanone
- (08) 2-Octanone
- (09) 3-Octanone
- (10) 2-Nonanone
- (11) 5-Nonanone
- (12) 2-Methylcyclohexanone
- (13) 3-Methylcyclohexanone
- (14) 4-Methylcyclohexanone
- (15) Ketones Mixture PS-41C

Neat at the stated weight

3-Pentanone	28.4%
4-Methyl-2-pentanone	14.1%
4-Heptanone	28.3%
2-Heptanone	29.1%

Calibration Mixture

PS-41C \$ 25 / 2 mL vial

Neat at the stated weight % listed above

Methyl Ketones

PS-431D \$ 110 / 15 vials

2 mL each at the stated concentrations by weight % in Acetone solvent.

- | | |
|----------------------|------|
| (01) 2-Propanone | Neat |
| (02) 2-Butanone | Neat |
| (03) 2-Pentanone | Neat |
| (04) 2-Hexanone | Neat |
| (05) 2-Heptanone | Neat |
| (06) 2-Octanone | Neat |
| (07) 2-Nonanone | Neat |
| (08) 2-Decanone | 10% |
| (09) 2-Undecanone | 10% |
| (10) 2-Dodecanone | 10% |
| (11) 2-Tridecanone | 10% |
| (12) 2-Tetradecanone | 10% |
| (13) 2-Pentadecanone | 10% |
| (14) 2-Hexadecanone | 10% |

(15) Ketones Mixture PS-43D

Neat at the stated weight

2-Propanone	15%
2-Hexanone	20%
2-Heptanone	25%
2-Octanone	40%

Calibration Mixture

PS-43D \$ 25 / 2 mL vial

Neat at the stated weight % listed above

Branched Ketones

PS-421D

\$ 150 / 15 vials

2 mL each. Neat.

- (01) 3-Methyl-2-butanone
- (02) 3,3-Dimethyl-2-butanone
- (03) 2-Methyl-3-pentanone
- (04) 4-Methyl-2-pentanone
- (05) 2,4-Dimethyl-3-pentanone
- (06) 2-Methyl-3-hexanone
- (07) 5-Methyl-2-hexanone
- (08) 2-Methyl-3-heptanone
- (09) 5-Methyl-3-heptanone
- (10) 2,6-Dimethyl-4-heptanone
- (11) Mesityl oxide
- (12) Acetophenone

(13) Cyclopentanone

(14) Cyclohexanone

(15) Ketones Mixture PS-42D

Neat at the stated weight

5-Methyl-2-hexanone	14.3%
2-Heptanone	18.8%
5-Methyl-3-heptanone	28.9%
2,6-Dimethyl-4-heptanone	38.0%

Calibration Mixture

PS-42D \$ 25 / 2 mL vial

Neat at the stated weight % listed above

Aromatics

Aromatics C₆-C₁₆

PS-251C \$ 100 / 15 vials

Neat at the stated quantities.

- | | |
|----------------------|------|
| (01) Benzene | 1 mL |
| (02) Toluene | 2 mL |
| (03) o-Xylene | 2 mL |
| (04) m-Xylene | 2 mL |
| (05) p-Xylene | 2 mL |
| (06) Ethylbenzene | 2 mL |
| (07) Cumene | 2 mL |
| (08) Mesitylene | 2 mL |
| (09) p-Cymene | 2 mL |
| (10) n-Propylbenzene | 2 mL |
| (11) n-Butylbenzene | 2 mL |
| (12) n-Hexylbenzene | 2 mL |
| (13) n-Octylbenzene | 2 mL |
| (14) n-Decylbenzene | 2 mL |

(15) BTX Hydrocarbons

Mixture PS-25C 2 mL

Neat at the stated weight

Benzene	21.6%
Toluene	25.2%
m-Xylene	20.1%
o-Xylene	19.0%
p-Cymene	14.1%

Calibration Mixture

PS-25C \$ 25 / 2 mL vial

Neat at the stated weight % listed above

Aromatics C₆-C₉

PS-252C \$ 115 / 15 vials

2 mL each. Neat.

- (01) Toluene
- (02) o-Xylene
- (03) m-Xylene
- (04) p-Xylene
- (05) Ethylbenzene
- (06) Cumene
- (07) Mesitylene
- (08) n-Propylbenzene
- (09) 1,2,4-Trimethylbenzene
- (10) 1,2,3-Trimethylbenzene
- (11) 1-Ethyl-2-Methylbenzene
- (12) 1-Ethyl-3-Methylbenzene
- (13) 1-Ethyl-4-Methylbenzene
- (14) Benzene
- (15) BTX Hydrocarbons Mixture PS-25C

Neat at the stated weight %.

Benzene	21.6%
Toluene	25.2%
m-Xylene	20.1%
o-Xylene	19.0%
p-Cymene	14.1%

Calibration Mixture

PS-25C \$ 25 / 2 mL vial

Neat at the stated weight % listed above

MS Instrument Calibration Standards

	Solvent	Qty	Cat. No.	Price
4-Bromofluorobenzene (BFB)	2 mg/mL in MeOH	1 x 1 mL	PS-5791S	\$ 10
		5 x 1 mL	PS-5791SP5	\$ 40
Benzidine	2 mg/mL in CH ₂ Cl ₂	1 x 1 mL	PS-5792S	\$ 10
		5 x 1 mL	PS-5792SP5	\$ 40
Decafluorotriphenylphosphine (DFTPP)	1 mg/mL in CH ₂ Cl ₂	1 x 1 mL	PS-5793S	\$ 10
		5 x 1 mL	PS-5793SP5	\$ 40
Pentachlorophenol (PCP)	1 mg/mL in CH ₂ Cl ₂	1 x 1 mL	PS-5794S	\$ 10
		5 x 1 mL	PS-5794SP5	\$ 40
Perfluorotributylamine (PFTBA)	200 mg/Neat	1 x 1 mL	PS-5795S	\$ 20
		5 x 1 mL	PS-5795SP5	\$ 80
Mixture: Benzidine 1 mg/mL; DFTPP 0.5 mg/mL	CH ₂ Cl ₂	1 x 1 mL	PS-5796S	\$ 15
		5 x 1 mL	PS-5796SP5	\$ 60
Mixture: DFTPP; 0.5 mg/mL; PCP: 0.5 mg/mL	CH ₂ Cl ₂	1 x 1 mL	PS-5797S	\$ 15
		5 x 1 mL	PS-5797SP5	\$ 60
Mixture: DFTPP; Endrin; 4,4'-DDT	1 mg/mL in Acetone	1 x 1 mL	PS-5252CS	\$ 25
		5 x 1 mL	PS-5252CSP5	\$ 100
Mixture: DFTPP; 4,4'-DDT, Pentachlorophenol, Benzidine	0.5 mg/mL in CH ₂ Cl ₂	1 x 1 mL	PS-6250S	\$ 25
		5 x 1 mL	PS-6250SP5	\$ 100



Hydrocarbons

Alkanes nC₆-nC₁₉

PS-211C \$ 100 / 5 ampules, 10 vials
2 mL each at the stated concentrations by weight % in Ethylbenzene solvent.

(01) n-Hexane	Neat
(02) n-Heptane	Neat
(03) n-Octane	Neat
(04) n-Nonane	Neat
(05) n-Decane	Neat
(06) n-Undecane	Neat
(07) n-Dodecane	Neat
(08) n-Tridecane	Neat
(09) n-Tetradecane	Neat
(10) n-Pentadecane	Neat
(11) n-Hexadecane	10%
(12) n-Heptadecane	10%
(13) n-Octadecane	10%
(14) n-Nonadecane	10%
(15) Normal Hydrocarbons	
Mixture PS-21C	
Neat at the stated weight	
n-Dodecane	24.6%
n-Tridecane	24.9%
n-Tetradecane	25.1%
n-Hexadecane	25.4%

Calibration Mixture

PS-21C \$ 30 / 2 mL vial
Neat at the stated weight % listed above.

Alkanes nC₆-nC₁₉ NEAT

PS-211CX \$ 115
Ampules 1 through 5, 2 mL each.
Vials 6 through 10, & 15, 2 mL each.
Vials 11 through 14, 0.5 g each.

Alkenes C₆-C₁₀

PS-231C \$ 180 / 15 ampules
Neat at the stated quantities.

(01) Hexene-1	2 mL
(02) Hexene-2 (cis, trans)	0.5 mL
(03) 2-Methylpentene-1	2 mL
(04) 4-Methylpentene-1	2 mL
(05) 4-Methylpentene-2 (cis, trans)	0.5 mL
(06) 2-Ethylbutene-1	0.5 mL
(07) Heptene-1	2 mL
(08) Heptene-2 (cis, trans)	0.5 mL
(09) Heptene-3 (cis, trans)	0.5 mL
(10) Octene-1	2 mL
(11) Octene-2	2 mL
(12) 2-Ethylhexene-1	0.5 mL
(13) Nonene-1	2 mL
(14) Decene-1	2 mL
(15) 1-Olefins C ₁ -C ₉	2 mL
Mixture PS-23C	
Neat at the stated weight %.	
1-Pentene	14.65%
1-Hexene	11.93%
1-Heptene	37.53%
1-Octene	15.38%
1-Nonene	20.51%

Calibration Mixture

PS-23C \$ 30 / 2 mL vial
Neat at the stated weight % listed above.

Branched Alkanes C₆-C₉

PS-221D \$ 200 / 15 ampules
Neat at stated quantities.

(01) 2-Methylpentane	2 mL
(02) 3-Methylpentane	2 mL
(03) 2,2-Dimethylbutane	2 mL
(04) 2,3-Dimethylbutane	2 mL
(05) 3-Methylhexane	2 mL
(06) 2,3-Dimethylpentane	2 mL
(07) 2,4-Dimethylpentane	1 mL
(08) 3-Methylheptane	2 mL
(09) 2,5-Dimethylhexane	1 mL
(10) 2,2,4-Trimethylpentane	2 mL
(11) 2,3,4-Trimethylpentane	2 mL
(12) 2,2,5-Trimethylhexane	1 mL
(13) Cyclohexane	2 mL
(14) Methylcyclohexane	2 mL
(15) Branched Chain	
Hydrocarbons Mixture PS-22D 2 mL	
Neat at the stated weight %	
2-Methylpentane	14%
n-Hexane	24%
2,3-Dimethylpentane	14%
2,2,4-Trimethylpentane	33%
2,5-Dimethylhexane	15%

Calibration Mixture

PS-22D \$ 30 / 2 mL vial
Neat at the stated weight % listed above.

Alkenes C₈-C₂₂

PS-241D \$ 175 / 15 vials
Neat at the stated quantities.

(01) 2,4,4-Trimethylpentene-1	2 mL
(02) 2,4,4-Trimethylpentene-2	0.5 mL
(03) Nonene-1	0.5 mL
(04) Nonene-4 (cis, trans)	0.5 mL
(05) 3,5,5-Trimethyl-1-hexene	0.5 mL
(06) Decene-1	2 mL
(07) Undecene-1	0.5 mL
(08) Dodecene-1	2 mL
(09) Tridecene-1	2 mL
(10) Tetradecene-1	2 mL
(11) Hexadecene-1	2 mL
(12) Octadecene-1	2 mL
(13) Eicosene-1	2 mL
(14) Docosene-1	0.5 mL
(15) 1-Olefins C ₁₂ -C ₁₈	
Mixture PS-24D	
Neat at the stated weight %	
Decene-1	10%
Dodecene-1	15%
Tetradecene-1	20%
Hexadecene-1	25%
Octadecene-1	30%

Calibration Mixture

PS-24D \$ 30 / 2 mL vial
Neat at the stated weight % listed above.

Alkanes nC₁₉-nC₄₀

PS-261C \$ 140 / 15 vials
2 mL at the stated concentrations by weight % in Ethylbenzene solvent.

(01) n-Nonadecane	10%
(02) n-Eicosane	10%
(03) n-Heneicosane	10%
(04) n-Docosane	10%
(05) n-Tricosane	10%
(06) n-Tetracosane	10%
(07) n-Pentacosane	10%
(08) n-Hexacosane	10%
(09) n-Octacosane	10%
(10) n-Triacontane	1%
(11) n-Dotriacontane	1%
(12) n-Hexatriacontane	1%
(13) n-Octatriacontane	1%
(14) n-Tetracontane	1%
(15) Normal Hydrocarbons	
Mixture PS-26C	
2 mL	
At the stated concentrations.	
Ethylbenzene	80%
n-Octadecane	2%
n-Nonadecane	5%
n-Heneicosane	6%
n-Docosane	7%

Calibration Mixture

PS-26C \$ 30 / 2 mL vial
Neat at the stated weight % listed above.

Alkanes nC₁₉-nC₄₀, NEAT

PS-261CX \$ 345
Vials 1 through 14, 0.5 g each.
Vial 15, 2 mL.

Naphthenes C₅-C₁₀

PS-281C \$ 110 / 15 ampules
2 mL each. Neat.

(01) Cyclopentane	
(02) Methylcyclopentane	
(03) Cyclohexane	
(04) Methylcyclohexane	
(05) cis-1,2-Dimethylcyclohexane	
(06) trans-1,2-Dimethylcyclohexane	
(07) cis and trans-1,3-Dimethylcyclohexane	
(08) cis and trans-1,4-Dimethylcyclohexane	
(09) Ethylcyclohexane	
(10) n-Propylcyclohexane	
(11) iso-Propylcyclohexane	
(12) n-Butylcyclohexane	
(13) iso-Butylcyclohexane	
(14) tert-Butylcyclohexane	
(15) Branched chain	
Hydrocarbons Mixture PS-28D	
Neat at the stated weight %	
Methylcyclopentane	16%
Cyclohexane	17%
Methylcyclohexane	17%
Ethylcyclohexane	17%
n-Propylcyclohexane	17%
n-Butylcyclohexane	16%

Calibration Mixture

PS-28D \$ 30 / 2 mL vial
Neat at the stated weight % listed above.



Acids & Esters

Methyl Esters

PS-611C \$ 150 / 15 vials
2 mL each at the stated concentrations by weight % in Hexane

(01) Methyl caproate	Neat
(02) Methyl heptanoate	Neat
(03) Methyl caprylate	Neat
(04) Methyl pelargonate	Neat
(05) Methyl caprate	Neat
(06) Methyl undecanoate	Neat
(07) Methyl laurate	Neat
(08) Methyl myristate	Neat
(09) Methyl palmitate	10%
(10) Methyl stearate	10%
(11) Methyl arachidate	10%
(12) Methyl behenate	10%
(13) Methyl undecylenate	10%
(14) Methyl oleate	10%
(15) Methyl linoleate	10%

Methyl Esters, NEAT

PS-611CX \$ 195
Vials 1 through 8, 2 mL each.
Vials 9 through 15, 0.5 g each.

Calibration Mixture

PS-61C \$ 25 / 2 mL vial
Neat at the stated weight %.

Methyl decanoate (Caprate)	20%
Methyl dodecanoate (Laurate)	20%
Methyl tetradecanoate (Myristate)	20%
Methyl hexadecanoate (Palmitate)	20%
Methyl octadecanoate (Stearate)	20%

Ethyl Esters

PS-621C \$ 105 / 15 vials
2 mL each at the stated concentrations by weight % in Hexane
15 vials.

(01) Ethyl acetate	Neat
(02) Ethyl propionate	Neat
(03) Ethyl butyrate	Neat
(04) Ethyl valerate	Neat
(05) Ethyl caproate	Neat
(06) Ethyl heptanoate	Neat
(07) Ethyl caprylate	Neat
(08) Ethyl pelargonate	Neat
(09) Ethyl caprate	Neat
(10) Ethyl undecanoate	Neat
(11) Ethyl laurate	Neat
(12) Ethyl myristate	10%
(13) Ethyl palmitate	10%
(14) Ethyl stearate	10%
(15) Ethyl ester Mixture PS-62C	
At the stated weight	
Ethyl acetate	20%
Ethyl propionate	20%
Ethyl butyrate	20%
Ethyl valerate	20%
Ethyl caproate	20%

Calibration Mixture

PS-62C \$ 25 / 2 mL vial
Neat at the stated weight % listed above

Ethyl Esters, NEAT

PS-621CX \$ 115
Vials 1 through 11, & 15, 2 mL each
Vials 12 through 14, 0.5 g each

Propyl Esters

PS-631C \$ 110 / 15 vials
2 mL each at the stated concentrations by weight % in Hexane

(01) Propyl methanoate (Formate)	Neat
(02) Propyl ethanoate (Acetate)	Neat
(03) Propyl propanoate (Propionate)	Neat
(04) Propyl butanoate (Butyrate)	Neat
(05) Propyl pentanoate (Valerate)	Neat
(06) Propyl hexanoate (Caproate)	Neat
(07) Propyl heptanoate (Enanthate)	Neat
(08) Propyl octanoate (Caprylate)	Neat
(09) Propyl nonanoate (Pelargonate)	Neat
(10) Propyl decanoate (Caprate)	Neat
(11) Propyl dodecanoate (Laurate)	Neat
(12) Propyl tetradecanoate (Myristate)	10%
(13) Propyl hexadecanoate (Palmitate)	10%
(14) Propyl octadecanoate (Stearate)	10%
(15) Propyl ester Mixture PS-63C	
Neat at the stated weight	
Propyl acetate	20%
Propyl propionate	20%
Propyl butyrate	20%
Propyl valerate	20%
Propyl caproate	20%

Calibration Mixture

PS-63C \$ 25 / 2 mL vial
Neat at the stated weight % listed above.

Propyl Esters, NEAT

PS-631CX \$ 130
Vials 1 through 11, & 15, 2 mL each.
Vials 12 through 14, 0.5 g each.

Butyl Esters

PS-641C \$ 100 / 15 vials
2 mL each at the stated concentrations by weight % in Hexane

(01) Butyl methanoate (Fonnate)	Neat
(02) Butyl ethanoate (Acetate)	Neat
(03) Butyl propanoate (Propionate)	Neat
(04) Butyl butanoate (Butyrate)	Neat
(05) Butyl pentanoate (Valerate)	Neat
(06) Butyl hexanoate (Caproate)	Neat
(07) Butyl heptanoate (Enanthate)	Neat
(08) Butyl octanoate (Caprylate)	Neat
(09) Butyl nonanoate (Pelargonate)	Neat
(10) Butyl decanoate (Caprate)	Neat
(11) Butyl dodecanoate (Laurate)	10%
(12) Butyl tetradecanoate (Myristate)	10%
(13) Butyl hexadecanoate (Palmitate)	10%
(14) Butyl octadecanoate (Stearate)	10%
(15) Butyl ester Mixture PS-64C	2 mL
Neat at the stated weight	
Butyl propionate	10%
Butyl valerate	20%
Butyl caproate	30%
Butyl heptanoate	40%

Calibration Mixture

PS-64C \$ 25 / 2 mL vial
Neat at the stated weight % listed above

Butyl Esters, NEAT

PS-641CX \$ 115
Vials 1 through 10, & 15, 2 mL each.
Vials 11 through 14, 0.5 g each

Fatty Acids C₃-C₁₈

PS-651C \$ 110 / 15 vials
Neat at the stated quantities

(01) Propionic acid	2 mL
(02) Butyric acid	2 mL
(03) Valeric acid	2 mL
(04) Caproic acid	2 mL
(05) Heptanoic acid	2 mL
(06) Caprylic acid	2 mL
(07) Pelargonic acid	2 mL
(08) Capric acid	2 mL
(09) n-Hendecanoic acid	2 mL
(10) 10-Hendecenoic acid	0.5 g
(11) Lauric acid	0.5 g
(12) Myristic acid	0.5 g
(13) Palmitic acid	0.5 g
(14) Stearic acid	0.5 g
(15) Fatty Acids Mixture PS-65C	2 mL
Neat at the stated weight	
Propionic acid	20%
Butyric acid	20%
Valeric acid	20%
Caproic acid	20%
Heptanoic acid	20%

Calibration Mixture

PS-65C \$ 25 / 2 mL vial
Neat at the stated weight % listed above

Low Molecular Weight Fatty Acids

PS-652C \$ 130 / 15 vials
2 mL each. Neat

(01) Formic acid	(09) tert-Valeric acid
(02) Acetic acid	(10) Caproic acid
(03) Propionic acid	(11) sec-Caproic acid
(04) Butyric acid	(12) anteiso-Caproic acid
(05) iso-Butyric acid	(13) iso-Caproic acid
(06) Valeric acid	(14) 2-Ethylbutyric acid
(07) anteiso-Valeric acid	(15) tert-Butylacetic acid
(08) iso-Valeric acid	

Dimethyl Esters of Dicarboxylic Acids

PS-661D \$ 90 / 15 vials
2 mL each at the stated concentrations by weight % in Toluene

(01) Dimethyl oxalate	1g/Neat
(02) Dimethyl malonate	1g/Neat
(03) Dimethyl maleate	5%
(04) Dimethyl fumarate	5%
(05) Dimethyl succinate	5%
(06) Dimethyl glutarate	5%
(07) Dimethyl adipate	5%
(08) Dimethyl pimelate	5%
(09) Dimethyl suberate	5%
(10) Dimethyl azelate	5%
(11) Dimethyl sebacate	5%
(12) Dimethyl phthalate	5%
(13) Dimethyl isophthalate	5%
(14) Dimethyl terephthalate	5%
(15) Dimethyl ester Mixture PS-66D	
2.5% each in Toluene.	
Dimethyl Malonate	
Dimethyl Succinate	
Dimethyl Glutarate	
Dimethyl Adipate	

Calibration Mixture

PS-66D \$ 25 / 2 mL vial
Neat at the stated weight % listed above



Fatty Acids & Esters (Continued)

Dicarboxylic Acids

PS-670CX \$ 90 / 15 vials

0.5 each. Neat.

- (01) Oxalic acid
- (02) Malonic acid
- (03) Maleic acid
- (04) Fumaric acid
- (05) Succinic acid
- (06) Glutaric acid
- (07) Adipic acid
- (08) Pimelic acid
- (09) Suberic acid
- (10) Azelaic acid
- (11) Sebacic acid
- (12) 1,12-Dodecanedioic acid
- (13) Phthalic acid
- (14) Isophthalic acid
- (15) Terephthalic acid

Low Boiling Esters

PS-681C \$ 110 / 15 vials

2 mL each. Neat.

- (01) Methyl methanoate (Formate)
- (02) Methyl ethanoate (Acetate)
- (03) Methyl propanoate (Propionate)
- (04) Methyl butanoate (Butyrate)
- (05) Methyl pentanoate (Valerate)
- (06) Ethyl methanoate (Formate)
- (07) Ethyl ethanoate (Acetate)
- (08) Ethyl propanoate (Propionate)
- (09) Propyl methanoate (Formate)
- (10) Propyl ethanoate (Acetate)
- (11) Propyl propanoate (Propionate)
- (12) Butyl methanoate (Formate)
- (13) Butyl ethanoate (Acetate)
- (14) Butyl propanoate (Propionate)
- (15) Fatty acid ester Mixture PS-68C

Neat at the stated weight %.

Methyl formate	31.25%
Methyl propionate	12.50%
Butyl formate	12.50%
Butyl acetate	18.75%
Butyl propionate	25.00%

Calibration Mixture

PS-68C \$ 25 / 2 mL vial

Neat at the stated weight % listed above.

Branched Esters C₄-C₇

PS-691C \$ 130 / 15 vials

2 mL each. Neat.

- (01) Methyl iso butyrate
- (02) Methyl anteiso valerate
- (03) Methyl iso valerate
- (04) Methyl tert valerate
- (05) 2-Methylpentanoic acid methyl ester
- (06) 2-Ethylbutanoic acid methyl ester
- (07) Methyl iso caproate
- (08) iso-Propyl acetate
- (09) sec-Butyl acetate
- (10) iso-Butyl acetate
- (11) tert-Butyl acetate
- (12) sec-Amyl acetate
- (13) 3-Amyl acetate
- (14) anteiso-Amyl acetate
- (15) iso-Amyl acetate

Food Additives

Antioxidants

PS-920CX \$ 90 / 15 vials

0.5 g each vial. Neat.

- (01) BHA (2 and 3-tert-Butyl-4-methoxy phenol)
- (02) BHT (2,6-di-tert-Butyl-4-methyl phenol)
- (03) 4-Hydroxymethyl-2,6-di-tert-butyl phenol
- (04) THBP (2,4,5-Trihydroxybutyrophenone)
- (05) Ethoxyquin (1,2-Dihydro-6-ethoxy-2,2,4-trimethyl quinoline)
- (06) tert-Butyl hydroquinone
- (07) DLTDP (Dilaurylthiodipropionate)
- (08) Thiodipmpionic acid
- (09) Propyl gallate
- (10) Ascorbyl palmitate
- (11) Ascorbic acid
- (12) Erythorbic acid (iso-Ascorbic acid)
- (13) Tocopherols (mixed)
- (14) Glycine
- (15) Lecithin

Antimicrobials

PS-930CX \$ 100 / 15 vials

0.5 g each vial. Neat.

- (01) Benzoic acid
- (02) Sodium benzoate
- (03) Methyl paraben
- (04) Ethyl parben
- (05) Propyl paraben
- (06) Butyl paraben
- (07) Heptyl paraben
- (08) Sorbic acid
- (09) Sodium sorbate
- (10) Potassium sorbate
- (11) Acetic acid
- (12) Propionic acid
- (13) Sodium propionate
- (14) Calcium propionate
- (15) Caprylic acid

Essential Oils

Essential Oils

PS-851C \$ 50 / 6 vials 1 mL ea

Neat.

- (01) α-Limonene
- (02) Linalool
- (03) Linalyl acetate
- (04) Acetophenone
- (05) Naphthalene
- (06) Cinnamyl alcohol

Aldehydes

PS-450E \$ 95 / 15 vials

2 mL each at the stated concentrations by weight % in Toluene solvent.

- | | |
|--|------|
| (01) Propionaldehyde (Propanal) | Neat |
| (02) Butyraldehyde (Butanal) | Neat |
| (03) Isobutyraldehyde (2-Methylpropanal) | Neat |
| (04) Valeraldehyde (Pentanal) | Neat |
| (05) Isovaleraldehyde (3-Methylbutanal) | Neat |
| (06) Caproic aldehyde (Hexanal) | Neat |
| (07) Enanthaldehyde (Heptanal) | Neat |
| (08) Caprylaldehyde (Octanal) | Neat |
| (09) Pelargonaldehyde (Nonanal) | Neat |
| (10) Capraldehyde (Decanal) | 10% |
| (11) Undecylaldehyde (Hendecanal) | 10% |
| (12) Lauraldehyde (Dodecanal) | 10% |
| (13) Tridecylaldehyde (Tridecanal) | 10% |
| (14) Myristaldehyde (Tetradecanal) | 10% |
| (15) Benzaldehyde (Benzencarbonal) | Neat |

Fluorocarbon Refrigerants

PS-980C \$ 240 / 20 individual solutions

2 mg/mL in MeOH. 1 mL ampule.

Chemical	Indiv. Cat. No.	Indiv. Price
(01) Bromochlorodifluoromethane (12B1)	PS-980C-01	\$18
(02) Bromotrifluoromethane (13B1)	PS-980C-02	\$18
(03) Chlorodifluoromethane (22)	PS-980C-03	\$12
(04) Chloroethane (160)	PS-980C-04	\$12
(05) Chloromethane (40)	PS-980C-05	\$12
(06) Chloropentafluoroethane (115)	PS-980C-06	\$12
(07) Chlorotrifluoromethane (13)	PS-980C-07	\$12
(08) 1,2-Dibromotetrafluoroethane (114B2)	PS-980C-08	\$18
(09) 1,2-Dichlorotetrafluoroethane (114)	PS-980C-09	\$18
(10) Dichlorodifluoromethane (21)	PS-980C-10	\$12
(11) Dichlorodifluoromethane (12)	PS-980C-11	\$18
(12) 2,2-Dichloro-1,1,1-trifluoroethane (123)	PS-980C-12	\$18
(13) 1,1-Difluoroethane (152a)	PS-980C-13	\$12
(14) Hexafluoroethane (116)	PS-980C-14	\$18
(15) 1,1,1,2-Tetrafluoroethane (134a)	PS-980C-15	\$18
(16) 1,1,2,2-Tetrafluoroethane (134)	PS-980C-16	\$18
(17) Trichlorofluoromethane (11)	PS-980C-17	\$12
(18) 1,1,2-Trichlorotrifluoroethane (113)	PS-980C-18	\$12
(19) 1,1,1-Trichlorotrifluoroethane (113a)	PS-980C-19	\$18
(20) Trifluoromethane (23)	PS-980C-20	\$18

Standards of Interest

For more CFC Kits and Singles, see page 257.



PolyStandard™ Kits

Glycols, Glycol Ethers & Sugars, Amino Acids, Synthetic Sweeteners, Vitamins

Glycols & Glycol Ethers

Glycols C₃-C₁₂

PS-151C \$ 100 / 15 vials

1 mL each at the stated concentrations
by weight % in MeOH solvent

(01) 1,2-Propanediol	Neat
(02) 1,3-Propanediol	Neat
(03) 1,2-Butanediol	Neat
(04) 1,3-Butanediol	Neat
(05) 1,4-Butanediol	Neat
(06) 2,3-Butanediol	Neat
(07) 1,5-Pentanediol	Neat
(08) 2,4-Pentanediol	Neat
(09) 1,6-Hexanediol	10%
(10) 2,5-Hexanediol	10%
(11) 1,7-Heptanediol	10%
(12) 1,8-Octanediol	10%
(13) 1,9-Nonanediol	10%
(14) 1,10-Decanediol	10%
(15) 1,12-Dodecanediol	10%

Glycols Ethers C₃-C₁₀

PS-160C \$ 90 / 15 vials

2 mL vial. Neat.

(01) Ethylene glycol methyl ether (2-Methoxyethanol)
(02) Ethylene glycol ethyl ether (2-Ethoxyethanol)
(03) Ethylene glycol <i>n</i> -butyl ether (2- <i>n</i> -Butoxyethanol)
(04) Ethylene glycol <i>n</i> -hexyl ether (2-Hexoxyethanol)
(05) Ethylene glycol phenyl ether (2-Phenoxyethanol)
(06) Diethylene glycol methyl ether [2-(2-Methoxyethoxy)-ethanol]
(07) Diethylene glycol ethyl ether [2-(2-Ethoxyethoxy)-ethanol]
(08) Diethylene glycol <i>n</i> -butyl ether [2-(2- <i>n</i> -Butoxyethoxy)-ethanol]
(09) Diethylene glycol <i>n</i> -hexyl ether [2-(2- <i>n</i> -Hexoxyethoxy)-ethanol]
(10) Propylene glycol methyl ether (1-Methoxyisopropanol)
(11) Propylene glycol <i>n</i> -propyl ether (1-Propoxyisopropanol)
(12) Propylene glycol <i>n</i> -butyl ether (1- <i>n</i> -Butoxyisopropanol)
(13) Dipropylene glycol methyl ether [1-(1-Methoxyisopropoxy)-isopropanol]

(14) Tripropylene glycol methyl ether
(15) Glycol ethers Mixture PS-16C

Neat at the stated weight %.
Ethylene glycol ethyl ether 10%
Ethylene glycol butyl ether 10%
Diethylene glycol ethyl ether 30%
Diethylene glycol butyl ether 50%

Calibration Mixture

PS-16C \$ 25 / 2 mL vial

Neat at the stated weight % listed above.

Sugars & Polysaccharides / Synthetic Sweeteners

Sugars & Sugar Alcohols

PS-960C \$ 130 / 15 vials

500 mg/vial. Neat.

(01) D-Xylose	(09) L-Sorbose
(02) D-Ribose	(10) Xylitol
(03) L-Arabinose	(11) Ribitol (Adonitol)
(04) D-Fructose	(12) D-Arabitol
(05) D-Galactose	(13) L-Arabitol
(06) α-D-Glucose	(14) D-Mannitol
(07) D-Mannose	(15) D-Sorbitol
(08) L-Rhamnose monohydrate	

Polysaccharides & Synthetic Sweeteners

PS-961C \$ 135 / 15 vials

500 mg/vial. Neat.

(01) D-Cellobiose
(02) α-D-Lactose monohydrate
(03) β-D-Lactose
(04) D-Maltose monohydrate
(05) Malitol
(06) α-D-Melibiose hydrate
(07) Sucrose
(08) D-Trehalose dihydrate
(09) D-Turanose
(10) Maltotriose
(11) Melezitose dihydrate
(12) D-Raffinose pentahydrate
(13) Saccharin
(14) Aspartame (L-Aspartyl-phenylalanine methyl ester)
(15) Sodium cyclamate (Sodium cyclohexylsulfamate)

Standards of Interest

For more Food Kits and Singles,
see pages 262-267.

Amino Acids

L-Amino Acid Kit

PS-970C \$ 160 / 22 vials

100 mg each. Neat.

(01) L-Alanine	(12) L-Isoleucine
(02) L-Arginine	(13) L-Leucine
(03) L-Asparagine	(14) L-Lycine
(04) L-Aspartic acid	(15) L-Methionine
(05) L-Cysteine	(16) L-Phenylalanine
(06) L-Cystine	(17) L-Proline
(07) L-Glutamic acid	(18) L-Serine
(08) L-Glutamine	(19) L-Threonine
(09) Glycine	(20) L-Tryptophan
(10) L-Histidine	(21) L-Tyrosine
(11) <i>trans</i> -4-Hydroxy-L-proline	(22) L-Valine

Vitamins

PS-950C

\$ 190 / 13 vials,
2 ampules (Vitamins A and D)

At the stated quantities. Neat

(01) Thiamine hydrochloride (Vitamin B ₁ Hydrochloride)	0.5 g
(02) Thiamine mononitrate (Vitamin B ₁ Mononitrate)	0.5 g
(03) Riboflavin (Vitamin B ₂)	0.5 g
(04) Pyridoxine hydrochloride (Vitamin B ₆)	0.5 g
(05) Cyanocobalamin, (Vitamin B ₁₂)	0.1 g
(06) α-Biotin (Vitamin H)	0.1 g
(07) Niacin (Nicotinic acid)	0.5 g
(08) Niacinamide (Nicotinamide)	0.5 g
(09) Calcium pantothenate	0.5 g
(10) Ascorbic acid (Vitamin C)	0.5 g
(11) Sodium ascorbate	0.5 g
(12) Folic acid (Pteroylglutamic acid)	0.5 g
(13) Vitamin A (Palmitate)	0.5 g
(14) Vitamin D ₃ (Cholecalciferol)	0.5 g
(15) Vitamin E (DL-α-Tocopherol)	0.5 g

PolyStandard™ Kits

Pesticides & Herbicides, Insecticides, PCBs



Pesticides & Herbicides

Chlorinated Pesticides

PS-510D \$ 105 / 15 ampules
1 mL each, at 1% solution in MeOH solvent.

- | | |
|-------------------|----------------------------------|
| (01) DDT | (09) Heptachlor |
| (02) BHC | (10) Strobane |
| (03) DDE | (11) Aldrin |
| (04) Endrin | (12) Dieldrin |
| (05) Lindane | (13) TDE |
| (06) Toxaphene | (14) Endosulfan (mix of isomers) |
| (07) Chlordane | (15) Chloropicrin |
| (08) Methoxychlor | |

Chlorinated Pesticides, NEAT

PS-510DX-R1 \$ 250
Ampule 15, 1 mL 1% solution in MeOH
Vials 1 through 14, 50 mg each.

Nematicides & Miscellaneous Pesticides

PS-560E-R1 \$ 105 / 12 ampules, 3 vials
At the stated quantities & concentrations by weight % in MeOH solvent.

- | | |
|------------------|------------|
| (01) Nemagon | 1 mL/1% |
| (02) Pival | 1 mL/1% |
| (03) Dichlorprop | 50 mg/Neat |
| (04) Trichlorfon | 1 mL/1% |
| (05) Captan | 1 mL/1% |
| (06) PCNB | 50 mg/Neat |
| (07) Dyrene | 50 mg/Neat |
| (08) Allethrin | 1 mL/1% |
| (09) Sevin | 1 mL/1% |
| (10) MGK 264 | 1 mL/1% |
| (11) Oxamyl | 1 mL/1% |
| (12) Bidrin | 1 mL/1% |
| (13) Dyfonate | 1 mL/1% |
| (14) Imidan | 1 mL/1% |
| (15) Parathion | 1 mL/1% |

Nematicides & Miscellaneous Pesticides, NEAT

PS-560DX-R1 \$ 250 / 15 vials
50 mg each

Standards of Interest

For more Pesticide Kits and Singles, see page 88.

Organophosphorus Insecticides

PS-520E \$ 105 / 15 ampules
1 mL each, at 1% solution in MeOH solvent.

- | |
|---------------------------------|
| (01) Methyl Parathion |
| (02) Ethion |
| (03) Co-Ral |
| (04) Guthion (Azinphos methyl) |
| (05) Di-Syston (Disulfoton) |
| (06) Phosdrin |
| (07) Naled (Dibrom) |
| (08) Diazinon |
| (09) DDVP (Vapona) (Dichlorvos) |
| (10) Meta-Systox R |
| (11) Cygon |
| (12) Malathion |
| (13) Zolone |
| (14) Monitor |
| (15) Phorate (Thimet) |

Miticides & Miscellaneous Pesticides

PS-550E-R1 \$ 105 / 13 ampules, 2 vials
At the stated quantities & concentrations by weight % in MeOH solvent.

* Indicates Acetone Solution
** Indicates CH₂Cl₂ Solution

- | | |
|--------------------------|------------|
| (01) Dichlone | 50 mg/Neat |
| (02) Delnav* | 1 mL/1% |
| (03) Kelthane | 1 mL/1% |
| (04) Morestan** | 1 mL/1% |
| (05) Phosphamidon | 1 mL/1% |
| (06) Sulprofos (Bolstar) | 1 mL/1% |
| (07) Bifenthrin | 1 mL/1% |
| (08) Formetanate | 50 mg/Neat |
| (09) Profenofos | 1 mL/1% |
| (10) Fluvalinate | 1 mL/1% |
| (11) Dinocap | 1 mL/1% |
| (12) Amitraz | 1 mL/1% |
| (13) Pentac | 1 mL/1% |
| (14) Methidathion | 1 mL/1% |
| (15) Methiocarb | 1 mL/1% |

Miticides & Miscellaneous Pesticides, NEAT

PS-550DX-R1 \$ 250 / 15 vials
50 mg each

Herbicides

PS-530E-R1 \$ 105 / 12 ampules, 3 vials
At the stated quantities & concentrations by weight %. MeOH solvent.

- | | |
|---------------------------|------------|
| 2,4-D acid | 50 mg/Neat |
| 2,4-DB acid | 50 mg/Neat |
| 2,4,5-T acid | 50 mg/Neat |
| Alachlor | 1 mL/1% |
| 2,4-D methyl ester | 1 mL/1% |
| 2,4-DB methyl ester | 1 mL/1% |
| 2,4,5-T methyl ester | 1 mL/1% |
| Glyphosate | 1 mL/1% |
| 2,4-D (iso-Octyl ester) | 1 mL/1% |
| 2,4,5-T (iso-Octyl ester) | 1 mL/1% |
| Dalapon | 1 mL/1% |
| CIPC | 1 mL/1% |
| Ramrod (Propachlor) | 1 mL/1% |
| DEF | 1 mL/1% |
| Triallate | 1 mL/1% |

Herbicides, NEAT

PS-530DX-R1 \$ 250 / 15 vials
50 mg each.

Herbicides

PS-540E-R1 \$ 105 / 10 ampule, 5 vials
At the stated quantities & concentrations by weight % in MeOH solvent.

- | | |
|------------------|------------|
| (01) Dacthal | 1 mL/1% |
| (02) Propazine | 50 mg/Neat |
| (03) Propanil | 50 mg/Neat |
| (04) Simazine | 50 mg/Neat |
| (05) Atrazine | 50 mg/Neat |
| (06) Diuron | 50 mg/Neat |
| (07) Tebuthiuron | 1 mL/1% |
| (08) Banvel D | 1 mL/1% |
| (09) Benefin | 1 mL/1% |
| (10) Prometon | 1 mL/1% |
| (11) Metolachlor | 1 mL/1% |
| (12) Dichlobenil | 1 mL/1% |
| (13) Prometryn | 1 mL/1% |
| (14) Trifluralin | 1 mL/1% |
| (15) Bentazon | 1 mL/1% |

Herbicides, NEAT

PS-540DX-R1 \$ 250 / 15 vials
50 mg each

Insecticides & Herbicides

Insecticides, NEAT

PS-570DX-R1 \$ 250 / 15 vials
50 mg each.

- | |
|------------------------|
| (01) p-Dichlorobenzene |
| (02) Pentachlorophenol |
| (03) Carbofuran |
| (04) Dursban |
| (05) Acephate |
| (06) Methomyl |
| (07) Temik |
| (08) Abate |
| (09) Bendiocarb |
| (10) Fenthion |
| (11) Mocap (Ethoprop) |
| (12) Baygon |
| (13) Omite |
| (14) Pyrethrins |
| (15) Rotenone |

Herbicides & Fungicides

PS-580E-R1 \$ 105 / 7 ampules, 8 vials
At the stated quantities & concentrations by weight % in MeOH solvent.

- | | |
|-----------------------------------|------------|
| (01) Disodium methane arsonate | 50 mg/Neat |
| (02) Mono sodium methane arsonate | 50 mg/Neat |
| (03) Amiben | 50 mg/Neat |
| (04) Sutan | 1 mL/1% |
| (05) Sencor | 1 mL/1% |
| (06) Eptam | 1 mL/1% |
| (07) Bromacil | 1 mL/1% |
| (08) Fluometuron | 50 mg/Neat |
| (09) Diphenamid | 1 mL/1% |
| (10) Maleic hydrazide | 50 mg/Neat |
| (11) Picloram | 50 mg/Neat |
| (12) Linuron | 1 mL/1% |
| (13) Cyprex | 50 mg/Neat |
| (14) Folex | 1 mL/1% |
| (15) Benomyl | 50 mg/Neat |

Herbicides & Fungicides, NEAT

PS-580DX-R1 \$ 250 / 15 vials
50 mg each.

PCBs

PS-590D \$ 125 / 15 ampules
1 mL, 100 ppm each compound in MeOH solvent.

- | | |
|-------------------|-------------------------|
| (01) Aroclor 1016 | (09) p,p'-DDE |
| (02) Aroclor 1221 | (10) p,p'-TDE |
| (03) Aroclor 1232 | (11) Heptachlor |
| (04) Aroclor 1242 | (12) Heptachlor epoxide |
| (05) Aroclor 1248 | (13) Aldrin |
| (06) Aroclor 1254 | (14) Dieldrin |
| (07) Aroclor 1260 | (15) Lindane |
| (08) p,p'-DDT | |

Standards of Interest

All 209 PCB Congeners available. See pages 50-64.



PolyStandard™ Kits

Amines, Phenols, Sulfur, Phthalate Esters, Calibration Mixes

Amines

Primary Amines

PS-311C \$ 100 / 15 vials

Neat at the stated quantities.

(01) <i>n</i> -Butylamine	2 mL
(02) <i>iso</i> -Butylamine	2 mL
(03) <i>sec</i> -Butylamine	2 mL
(04) <i>tert</i> -Butylamine	2 mL
(05) <i>n</i> -Amylamine	2 mL
(06) <i>iso</i> -Amylamine	2 mL
(07) <i>n</i> -Hexylamine	2 mL
(08) Cyclohexylamine	2 mL
(09) Benzylamine	2 mL
(10) <i>n</i> -Heptylamine	2 mL
(11) <i>n</i> -Octylamine	2 mL
(12) <i>n</i> -Decylamine	2 mL
(13) <i>n</i> -Dodecylamine	1.5 g
(14) <i>n</i> -Tetradecylamine	1.5 g
(15) Amines Mixture PS-31C	2 mL

At the stated weight %

<i>n</i> -Propylamine	21.57%
<i>n</i> -Butylamine	24.80%
<i>n</i> -Hexylamine	53.63%

Calibration Mixture

PS-31C \$ 25 / 2 mL vial

Neat at the stated weight % listed above

Secondary & Tertiary Amines

PS-321C \$ 100 / 15 vials

Neat at the stated quantities.

(01) Diethylamine	2 mL
(02) Di- <i>n</i> -propylamine	2 mL
(03) Di- <i>iso</i> -propylamine	2 mL
(04) Di- <i>n</i> -butylamine	2 mL
(05) Di- <i>iso</i> -butylamine	2 mL
(06) Di- <i>n</i> -hexylamine	2 mL
(07) Dibenzylamine	2 mL
(08) Dicyclohexylamine	2 mL
(09) Didodecylamine	1.5 g
(10) Triethylamine	2 mL
(11) Tri- <i>n</i> -propylamine	2 mL
(12) Tri- <i>n</i> -butylamine	2 mL
(13) Tri- <i>n</i> -hexylamine	2 mL
(14) Tribenzylamine	1.5 g
(15) Amines Mixture PS-32C	2 mL

At the stated weight %

Diethylamine	15.2%
Di- <i>n</i> -propylamine	20.6%
Di- <i>n</i> -butylamine	26.1%
Cyclohexylamine	38.2%

Calibration Mixture

PS-32C \$ 25 / 2 mL vial

Neat at the stated weight % listed above

Phenols

PS-170D \$ 105 / 15 vials

At the stated quantities and concentrations by weight % in Toluene solvent.

(01) Phenol	1 mL/Neat
(02) <i>o</i> -Cresol	1 mL/Neat
(03) <i>m</i> -Cresol	1 mL/Neat
(04) <i>p</i> -Cresol	1 mL/Neat
(05) <i>o</i> -Ethylphenol	2 mL/10%
(06) <i>p</i> -Ethylphenol	2 mL/10%
(07) 2- <i>iso</i> -Propylphenol	2 mL/10%
(08) 2,3-Xylenol	2 mL/10%
(09) 2,4-Xylenol	2 mL/10%
(10) 2,5-Xylenol	2 mL/10%
(11) 2,6-Xylenol	2 mL/10%
(12) 3,4-Xylenol	2 mL/10%
(13) 3,5-Xylenol	2 mL/10%
(14) 2,3,5-Trimethylphenol	2 mL/5%
(15) Phenol Mixture PS-17D	2 mL

At the stated weight % in Toluene solvent.

Phenol	4.9%
<i>m</i> -Cresol	3.3%
<i>o</i> -Ethylphenol	1.3%
<i>p</i> -Ethylphenol	7.8%

Calibration Mixture

PS-17D \$ 25 / 2 mL vial

Neat at the stated weight % listed above.

Phenols, NEAT

PS-170DX \$ 135

Vials 1 through 4, 1 mL/vial.
Vials 5 through 14, 100 mg/vial.
Vial 15, 2 mL.

We have the widest selection of chemical kits anywhere. AccuStandard makes the PolyStandard Kits, ThetaAccu Kits, and the FabriKits for your convenience and economy.

Kit of Calibration Mixtures

General Mixture Kit

PS-911D \$ 225 / 14 x 2 mL

Neat.

(01) Mixture PS-11C - Alcohols
(02) Mixture PS-12C - Alcohols
(03) Mixture PS-13C - Alcohols
(04) Mixture PS-21C - Hydrocarbons
(05) Mixture PS-22D - Hydrocarbons
(06) Mixture PS-23C - 1-Olefins C ₁ -C ₉
(07) Mixture PS-24D - 1-Olefins C ₁₂ -C ₁₈
(08) Mixture PS-25C - BTX Hydrocarbons
(09) Mixture PS-26C - Hydrocarbons
(10) Mixture PS-41C - Ketones
(11) Mixture PS-42D - Ketones
(12) Mixture PS-61C - Methyl esters
(13) Mixture PS-62C - Ethyl esters
(14) Mixture PS-63C - Propyl esters
(15) Mixture PS-64C - Butyl esters

Sulfur Compounds

PS-710C \$ 325 / 15 ampules

1 mL each. Neat.

(01) <i>iso</i> -Propyl mercaptan
(02) <i>n</i> -Propyl mercaptan
(03) <i>iso</i> -Butyl mercaptan
(04) <i>n</i> -Butyl mercaptan
(05) <i>sec</i> -Butyl mercaptan
(06) <i>tert</i> -Butyl mercaptan
(07) <i>n</i> -Amyl mercaptan
(08) <i>tert</i> -Amyl mercaptan
(09) <i>n</i> -Hexyl mercaptan
(10) <i>n</i> -Heptyl mercaptan
(11) Ethyl sulfide
(12) Allyl sulfide
(13) Di- <i>n</i> -propyl sulfide
(14) Di- <i>n</i> -butyl sulfide
(15) Mercaptan Mixture PS-71C

Neat at the stated weight

Ethyl mercaptan	13.4%
<i>n</i> -Propyl mercaptan	22.4%
<i>iso</i> -Butyl mercaptan	28.6%
<i>n</i> -Butyl mercaptan	35.6%

Calibration Mixture

PS-71C \$ 35 / 1 mL vial

Neat at the stated weight % listed above.

Phthalate Esters

PS-840C \$ 120 / 15 vials

2 mL each. Neat.

(01) Dimethyl phthalate
(02) Diethyl phthalate
(03) Di- <i>n</i> -propyl phthalate
(04) Di- <i>iso</i> -propyl phthalate
(05) Di- <i>n</i> -butyl phthalate
(06) Di- <i>iso</i> -butyl phthalate
(07) Dipentyl phthalate
(08) Dihexyl phthalate
(09) Diheptyl phthalate
(10) Dioctyl phthalate
(11) Dinonyl phthalate
(12) Didecyl phthalate
(13) Diundecyl phthalate
(14) Didodecyl phthalate
(15) Phthalate Mixture PS-84C

Neat at stated weight %

Dimethyl phthalate	16.7%
Diethyl phthalate	16.7%
Di- <i>n</i> -propyl phthalate	33.3%
Di- <i>n</i> -butyl phthalate	33.3%

Calibration Mixture

PS-84C \$ 25 / 2 mL vial

Neat at the stated weight % listed above.



McReynolds' Constants

A liquid phase can be characterized by the method of Rohrschneider (McReynolds):

- To compare liquid phases with their ability to separate various classes of compounds.
- To identify an unknown liquid phase.
- To establish the similarity of different liquid phases.
- To predict retention behavior of a wide variety of compounds.

PS-811C \$ 135 / 15 vials

Neat at the stated quantities.

(01) Benzene	1 mL
(02) <i>n</i> -Butanol	2 mL
(03) 1,4-Dioxane	2 mL
(04) 1-Nitropropane	2 mL
(05) Pyridine	1 mL
(06) 2-Methyl-2-pentanol	2 mL
(07) 1-Iodobutane	2 mL
(08) 2-Octyne	2 mL
(09) 2-Pentanone	2 mL
(10) <i>cis</i> -Hydrindane	2 mL
(11) Mixture 81-1: C ₅ , C ₆ , C ₇ , C ₈ , C ₉	2 mL
(12) Mixture 81-2: C ₈ , C ₉ , C ₁₀ , C ₁₁ , C ₁₂	1 mL
(13) Mixture 81-3: C ₁₀ , C ₁₂ , C ₁₄ , C ₁₆	1 mL
(14) Mixture 81-4: C ₁₂ , C ₁₄ , C ₁₆ , C ₁₈	1 mL
(15) Mixture 81-5: C ₇ , C ₉ , C ₁₁ , C ₁₃ , C ₁₅	1 mL

Mixture PS-81-1

PS-81-1 \$ 25 / 2.0 mL vial

2.0 mL/vial. Neat. wt. %

<i>n</i> -Pentane	20%
<i>n</i> -Hexane	20%
<i>n</i> -Heptane	20%
<i>n</i> -Octane	20%
<i>n</i> -Nonane	20%

Mixture PS-81-2

PS-81-2 \$ 25 / 2.0 mL vial

1.0 mL/vial. Neat. wt. %

<i>n</i> -Octane	20%
<i>n</i> -Nonane	20%
<i>n</i> -Decane	20%
<i>n</i> -Undecane	20%
<i>n</i> -Dodecane	20%

Mixture PS-81-3

PS-81-3 \$ 25 / 2.0 mL vial

1.0 mL/vial. Neat. wt. %

<i>n</i> -Decane	25%
<i>n</i> -Dodecane	25%
<i>n</i> -Tetradecane	25%
<i>n</i> -Hexadecane	25%

Mixture PS-81-4

PS-81-4 \$ 25 / 2.0 mL vial

1.0 mL/vial. Neat. wt. %

<i>n</i> -Dodecane	25%
<i>n</i> -Tetradecane	25%
<i>n</i> -Hexadecane	25%
<i>n</i> -Octadecane	25%

Mixture PS-81-5

PS-81-5 \$ 25 / 2.0 mL vial

1.0 mL/vial. Neat. wt. %

<i>n</i> -Heptane	20%
<i>n</i> -Nonane	20%
<i>n</i> -Undecane	20%
<i>n</i> -Tridecane	20%
<i>n</i> -Pentadecane	20%

HPLC Test Mixtures

Kit for HPLC Test Mixtures

PS-870C \$ 45 / 2 mixtures

These solutions are furnished sealed in glass ampules with a labeled empty screw top bottle for storage after opening.

Reversed Phase Test Mixture

2 mL/ampule variable concentrations for each compound in AcCN solvent.

Phenol
Benzene
Toluene
Ethylbenzene
n-Propylbenzene
n-Butylbenzene

Normal Phase Test Mixture

2 mL/ampule variable concentrations for each compound in Hexane solvent.

p-Xylene
Cinnamyl alcohol
Pyridine





PolyStandard™ Kits

Capillary Column Probe Solutions

Capillary Column Probe Solutions (including Grob Mixtures)

Kit of Capillary Probe Solutions

PS-861C \$ 205 / 15 ampules
All mixtures, PS-CP-1 through PS-CP-15

Alkane C₈-C₁₂ Mixture

PS-CP-02 \$ 27.50 / 2.0 mL ampule
0.5 mg/mL each component in *n*-Hexane solvent.

Octane	Undecane
Nonane	Dodecane
Decane	

Alkane C₁₃-C₂₀ Mixture

PS-CP-03 \$ 27.50 / 2.0 mL ampule
0.5 mg/mL each component in *n*-Hexane solvent.

Tridecane	Heptadecane
Tetradecane	Octadecane
Pentadecane	Nonadecane
Hexadecane	Eicosane

Alkane C₂₂-C₃₂ Even Number Mixture

PS-CP-04 \$ 27.50 / 2.0 mL ampule
0.5 mg/mL each component in *n*-Hexane solvent.

Docosane	Octacosane
Tetracosane	Triacosane
Hexacosane	Dotriacontane

Alkane C₃₄-C₄₄ Even Number Mixture

PS-CP-05A \$ 27.50 / 2.0 mL ampule
0.5 mg/mL each component in *n*-Hexane solvent.

Tetraatriacontane	Octatriacontane
Hexatriacontane	Tetracontane

Alkane C₈-C₄₀ Mixture

PS-CP-06A \$ 30 / 2.0 mL ampule
0.5 mg/mL each component in *n*-Hexane solvent.

Octane	Eicosane
Nonane	Docosane
Decane	Tetracosane
Undecane	Hexacosane
Dodecane	Octacosane
Tridecane	Triacosane
Tetradecane	Dotriacontane
Pentadecane	Tetraatriacontane
Hexadecane	Hexatriacontane
Heptadecane	Octatriacontane
Octadecane	Tetracontane
Nonadecane	

Grob Mixture

Non-Polar Columns

PS-CP-01 \$ 30 / 2.0 mL ampule
At the stated concentrations in CH₂Cl₂

Methyl decanoate	0.42 mg/mL
Methyl undecanoate	0.42 mg/mL
Methyl dodecanoate	0.41 mg/mL
2,3-Butanediol	0.53 mg/mL
Dicyclohexylamine	0.31 mg/mL
2,6-Dimethylaniline	0.32 mg/mL
2,6-Dimethylphenol	0.32 mg/mL
2-Ethylhexanoic acid	0.38 mg/mL
Nonanal	0.40 mg/mL
Octanol	0.36 mg/mL
Undecane	0.29 mg/mL
Decane	0.28 mg/mL

Non-Polar Columns

PS-CP-07 \$ 27.50 / 2.0 mL ampule
0.5 mg/mL each component in *n*-Hexane solvent.

Decane	Decanol
Octanol	Tridecane
2,6-Dimethylphenol	Methyl decanoate
2,6-Dimethylaniline	Tetradecane
Naphthalene	Methyl undecanoate

Polar Columns

PS-CP-08 \$ 27.50 / 2.0 mL ampule
0.5 mg/mL each component in *n*-Hexane solvent.

Tridecane	Methyl undecanoate
Tetradecane	Naphthalene
Octanol	Methyl dodecanoate
Methyl decanoate	2,6-Dimethylaniline
Dicyclohexylamine	2,6-Dimethylphenol

Low Polarity Columns

PS-CP-09 \$ 27.50 / 2.0 mL ampule
0.5 mg/mL each component in *n*-Hexane solvent.

Tridecane	Methyl dodecanoate
Tetradecane	Octanol
Pentadecane	Dicyclohexylamine
Naphthalene	2,4-Dimethylaniline
Methyl decanoate	2,6-Dimethylphenol
Methyl undecanoate	

Intermediate Polarity Columns

PS-CP-10 \$ 27.50 / 2.0 mL ampule
0.5 mg/mL each component in *n*-Hexane solvent.

Decane	Methyl undecanoate
Undecane	Octanol
Dodecane	Decanol
Naphthalene	2,6-Dimethylaniline
Methyl decanoate	2,6-Dimethylphenol

Intermediate Polarity Columns

PS-CP-11 \$ 27.50 / 2.0 mL ampule
0.5 mg/mL each component in *n*-Hexane solvent.

Tridecane	Methyl undecanoate
Tetradecane	Octanol
Pentadecane	Undecane
Hexadecane	2,6-Dimethylaniline
Methyl decanoate	2,6-Dimethylphenol

Polar Columns

PS-CP-12 \$ 27.50 / 2.0 mL ampule
0.5 mg/mL each component in *n*-Hexane solvent.

Tridecane	Octanol
Tetradecane	Dicyclohexylamine
Methyl decanoate	2,4-Dimethylaniline
Methyl undecanoate	2,6-Dimethylphenol
Methyl dodecanoate	

Polar Columns

PS-CP-13 \$ 27.50 / 2.0 mL ampule
0.5 mg/mL each component in *n*-Hexane solvent.

Tridecane	Methyl dodecanoate
Tetradecane	Octanol
Naphthalene	iso-Valeric acid
Methyl decanoate	Hexanoic acid
Methyl undecanoate	2,6-Dimethylphenol

Strongly Acidic Columns

PS-CP-14 \$ 27.50 / 2.0 mL ampule
At the stated concentrations in CH₂Cl₂

Decane	0.20 mg/mL
Dodecane	0.20 mg/mL
Heptadecane	0.20 mg/mL
Naphthalene	0.25 mg/mL
1,6-Hexanediol	0.35 mg/mL
Octanoic acid	0.30 mg/mL
2,4,5-Trichlorophenol	0.40 mg/mL
<i>p</i> -Nitrophenol	0.40 mg/mL

Strongly Basic Columns

PS-CP-15 \$ 27.50 / 2.0 mL ampule
At the stated concentrations in *n*-Hexane solvent.

Decane	0.20 mg/mL
Dodecane	0.20 mg/mL
Octadecane	0.20 mg/mL
Octylamine	0.40 mg/mL
Decylamine	0.40 mg/mL
Dodecylamine	0.40 mg/mL



The following Kits of industrial chemicals and chemical by-products are very useful to the analytical chemist for a variety of analyses. **These chemicals are usually available from general supply houses, but mostly in quantities far in excess of what is needed for typical analyses.** This leads to an abundance of unused chemicals, which takes up valuable shelf space and also present an unwanted and unnecessary disposal problem.

AccuStandard offers these chemicals in three distinct modes:

- (1) Buy the individual chemical you need in convenient, small quantities.
- (2) Buy a complete kit of a particular class of compounds, again in convenient small quantities.
- (3) FabriKit™ - Pick any ten (10) chemicals from any of the following lists.

This allows you to fabricate the kit of your choice from several different classes of compounds.

Now you have unlimited options:

- No need to have all the chemicals of any one class.
- No surplus of unwanted chemicals.
- A reduction in the volume of chemicals for waste disposal.
- The convenience of having what you want.

Pricing:

- (1) All Chemicals are in 100 mg quantity - \$ 12 / ea.
- (2) Kit prices are as indicated at the top of each list.
- (3) FabriKit–Pick any 10 items from any list - \$ 100.

Chlorobenzenes

Z-002	\$ 75 / Kit (Kit consists of 12 x 100 mg)
A-001 Chlorobenzene	A-007 1,3,5-Trichlorobenzene
A-002 1,2-Dichlorobenzene	A-008 1,2,3,4-Tetrachlorobenzene
A-003 1,3-Dichlorobenzene	A-009 1,2,3,5-Tetrachlorobenzene
A-004 1,4-Dichlorobenzene	A-010 1,2,4,5-Tetrachlorobenzene
A-005 1,2,3-Trichlorobenzene	A-011 Pentachlorobenzene
A-006 1,2,4-Trichlorobenzene	A-012 Hexachlorobenzene

Chlorophenols

Z-007	\$ 125 / Kit (Kit consists of 17 x 100 mg)
A-013 2-Chlorophenol	A-022 2,3,4-Trichlorophenol
A-014 3-Chlorophenol	A-023 2,3,5-Trichlorophenol
A-015 4-Chlorophenol	A-024 2,3,6-Trichlorophenol
A-016 2,3-Dichlorophenol	A-025 2,4,5-Trichlorophenol
A-017 2,4-Dichlorophenol	A-026 2,4,6-Trichlorophenol
A-018 2,5-Dichlorophenol	A-029 2,3,4,6-Tetrachlorophenol (Purity 80%)
A-019 2,6-Dichlorophenol	A-030 2,3,5,6-Tetrachlorophenol
A-020 3,4-Dichlorophenol	A-031 Pentachlorophenol
A-021 3,5-Dichlorophenol	

Phthalate Esters

Z-006	\$ 105 / Kit (Kit consists of 15 x 100 mg)
J-001 Butyl isoocetyl phthalate	J-009 Dimethyl isophthalate
J-002 Diallyl phthalate	J-010 Dimethyl phthalate
J-003 Dibutyl phthalate	J-011 Di- <i>n</i> -octyl phthalate
J-004 Dicyclohexyl phthalate	J-012 Diphenyl isophthalate
J-005 Diethyl phthalate	J-013 Diphenyl phthalate
J-006 Diisodecyl phthalate	J-014 Isobutylcyclohexyl phthalate
J-007 Diisohexyl phthalate	J-015 <i>n</i> -Octyl <i>n</i> -decyl phthalate
J-008 Diisooctyl phthalate	

Halomethanes

Z-019	\$ 70 / Kit (Kit consists of 10 x 100 mg)
K-001 Dichloromethane	K-006 Carbon tetrabromide
K-002 Chloroform	K-007 Bromochloromethane
K-003 Carbon tetrachloride	K-008 Bromodichloromethane
K-004 Dibromomethane	K-009 Bromotrichloromethane
K-005 Bromoform	K-010 Dibromochloromethane

Anilines

Z-015	\$ 100 / Kit (Kit consists of 18 x 100 mg)
L-001 Aniline	L-010 4-Nitroaniline
L-002 2-Chloroaniline	L-011 2,4-Dinitroaniline
L-003 3-Chloroaniline	L-012 2-Chloro-4-nitroaniline
L-004 4-Chloroaniline	L-013 4-Chloro-2-nitroaniline
L-005 3,4-Dichloroaniline	L-014 2,6-Dichloro-4-nitroaniline
L-006 2,4,5-Trichloroaniline	L-015 2-Chloro-4,6-dinitroaniline
L-007 4-Bromoaniline	L-016 2,6-Dibromo-4-nitroaniline
L-008 2-Nitroaniline	L-017 2-Bromo-4,6-dinitroaniline
L-009 3-Nitroaniline	L-018 2,6-Dimethylaniline

Chloronitrobenzenes

Z-025	\$ 55 / Kit (Kit consists of 10 x 100 mg)
R-017 2-Chloronitrobenzene	R-089 2,3,4-Trichloronitrobenzene
R-018 4-Chloronitrobenzene	R-090 2,4,5-Trichloronitrobenzene
R-086 2,3-Dichloronitrobenzene	R-091 2,3,4,5-Tetrachloronitrobenzene
R-087 2,4-Dichloronitrobenzene	R-092 2,3,5,6-Tetrachloronitrobenzene
R-088 2,5-Dichloronitrobenzene	P-113 Pentachloronitrobenzene

Alkylbenzenes

Z-024	\$ 160 / Kit (Kit consists of 30 x 100 mg)
V-001 <i>n</i> -Amylbenzene	V-016 Mesitylene (1,3,5-Trimethylbenzene)
V-002 <i>n</i> -Butylbenzene	V-017 Nonylbenzene
V-003 iso-Butylbenzene	V-018 Nonadecylbenzene
V-004 sec-Butylbenzene	V-019 Octylbenzene
V-005 Decylbenzene	V-020 Octadecylbenzene
V-006 <i>o</i> -Diethylbenzene	V-021 Pentadecylbenzene
V-007 <i>m</i> -Diethylbenzene	V-022 Propylbenzene
V-008 <i>p</i> -Diethylbenzene	V-023 Tetradecylbenzene
V-009 Dodecylbenzene	V-024 1,2,3,4-Tetramethylbenzene
V-010 <i>o</i> -Ethyltoluene	V-025 1,2,3,5-Tetramethylbenzene
V-011 <i>p</i> -Ethyltoluene	V-026 1,2,4,5-Tetramethylbenzene
V-012 Heptylbenzene	V-027 Tridecylbenzene
V-013 Hexylbenzene	V-028 1,2,3-Trimethylbenzene
V-014 Heptadecylbenzene	V-029 1,2,4-Trimethylbenzene
V-015 Hexadecylbenzene	V-030 Undecylbenzene

AccuStandard has become the leader in the supply of Chemical Kits. By offering over 100 Kits covering numerous assemblies by functional groups, a chemist needs only one source: AccuStandard.



ThetaAccu™ kits are comprehensive collections of related chemicals. They are technical grade and should be used for qualitative and retention time analysis. MSDSs and Certificates are included.

HYDROCARBONS		HYDROCARBONS (Wax Range)		HYDROCARBONS (Gasoline Range)	
TK-100	\$ 145 / 2 mL volume	TK-101	\$ 145 / 2 mL volume	TK-102	\$ 145 / 2 mL volume
<i>n</i> -hexane	hexene-1	hexadecane	pentacosane	<i>n</i> -hexane	hexene-1
<i>n</i> -heptane	heptene-1	heptadecane	hexacosane	<i>n</i> -heptane	heptene-1
<i>n</i> -octane	octene-1	octadecane	octacosane	<i>n</i> -octane	octene-1
<i>n</i> -nonane	nonene-1	nonadecane	triacontane	isooctane	diisobutylene
<i>n</i> -decane	decene-1	pristane	squalane	<i>n</i> -nonane	nonene-1
<i>n</i> -undecane	undecene-1	eicosane	dotriacontane	cyclopentane	benzene
<i>n</i> -dodecane	dodecene-1	heneicosane	tetraatriacontane	methylcyclopentane	toluene
<i>n</i> -tetradecane	tetradecene-1	docosane	hexatriacontane	cyclohexane	mixed xylenes
<i>n</i> -hexadecane	hexadecene-1	tricosane	octatriacontane	methylcyclohexane	cumene
<i>n</i> -octadecane (1)	octadecene-1	tetracosane	tetracontane	dimethylcyclohexane	mesitylene
(1) 10% w/v in chloroform		1% w/v in tetradecane		all 1% w/v in chloroform	
AROMATICS		AROMATICS		AROMATICS (Polycyclic)	
TK-110	\$ 145 / 2 mL volume	TK-111	\$ 145 / 2 mL volume	TK-112	\$ 145 / 2 mL volume
benzene	<i>sec</i> -butylbenzene	benzene	2-methylnaphthalene (1)	acenaphthalene	dimethylnaphthalene
toluene	<i>tert</i> -butylbenzene	toluene	indane	acenaphthene	fluorene
<i>o</i> -xylene	<i>p</i> -cymene	<i>o</i> -xylene	indene	anthracene	fluoranthene
<i>m</i> -xylene	1,2,4-trimethylbenzene	<i>m</i> -xylene	anthracene (2)	azulene	2,3-benzanthracene
<i>p</i> -xylene	mesitylene	<i>p</i> -xylene	pyrene (1)	1,2-benzanthracene	naphthalene
ethylbenzene	<i>p</i> -diisopropylbenzene	biphenyl (1)	tetralin	2,3-benzofluorene	perylene
propylbenzene	1,2,4,5-tetramethylbenzene (1)	bibenzyl (1)	decalin	benzo[d,e,f]phenanthrene	phenanthrene
cumene	styrene	diphenylmethane (1)	dimethylnaphthalene (1)	benzo[a]pyrene	pyrene
butylbenzene	<i>a</i> -methylstyrene	naphthalene (1)	fluorene (1)	9-methylanthracene	<i>cis</i> -stilbene
isobutylbenzene	<i>b</i> -methylstyrene (2)	1-methylnaphthalene (1)	phenanthrene (1)	9,10-dimethylanthracene	<i>trans</i> -stilbene
(1) 10% w/v in <i>p</i>-xylene (2) 10% w/v in hexane		(1) 10% w/v in <i>p</i>-xylene (2) 1% w/v in <i>p</i>-xylene		all 1% w/v in chloroform	
CHLORINATED HYDROCARBONS		PHENOLS		AMINO ACIDS	
TK-161	\$ 145 / 2 mL volume	TK-170	\$ 145 / 2 mL volume	TK-145	\$ 145 / 2 mL volume
chloroform	chlorobenzene	phenol	<i>o</i> -ethylphenol	L-alanine	L-lysine
carbon tetrachloride	<i>o</i> -dichlorobenzene	<i>o</i> -cresol	<i>m</i> -ethylphenol	L-arginine	L-methionine
methylene chloride	<i>m</i> -dichlorobenzene	<i>m</i> -cresol	<i>p</i> -ethylphenol	creatine	L-phenylalanine
<i>trans</i> -1,2-dichloroethylene	<i>p</i> -dichlorobenzene (1)	<i>p</i> -cresol	2-isopropylphenol	L-cysteine	L-proline
<i>cis</i> -1,2-dichloroethylene	1-chloronaphthalene	2,3-xyleneol	2- <i>n</i> -propylphenol	L-glutamic	sarcosine
1,2-dichloroethane	<i>o</i> -chlorophenol (1)	2,4-xyleneol	2,3,5-trimethylphenol	glycine	L-serine
1,1,2-trichloroethane	<i>m</i> -chlorophenol (1)	2,5-xyleneol	2,4,6-trimethylphenol	L-histidine	L-threonine
1,1,2,2-tetrachloroethane	<i>p</i> -chlorophenol (1)	2,6-xyleneol	4- <i>tert</i> butylphenol	hydroxy-L-proline	L-tryptophan
1,1,2,2-tetrachloroethylene	4-chlorostyrene	3,4-xyleneol	2,3,5,6-tetramethylphenol (1)	L-isoleucine	L-valine
allyl chloride	2-chloroethanol	3,5-xyleneol	1-naphthol	L-leucine	L-norleucine
(1) 1% w/v in <i>p</i>-xylene		(1) 5% w/v in <i>p</i>-xylene, all others 10% w/v in <i>p</i>-xylene		all 1% w/v in water	
AMINES (aliphatic)		AMINES (aliphatic)		POLYOLS, ETHERS	
TK-180	\$ 145 / 2 mL volume	TK-150	\$ 145 / 2 mL volume	TK-190	\$ 145 / 2 mL volume
<i>n</i> -butylamine	decylamine	propanal	2-pentanone	1,2-propanediol	1,10-decanediol (1)
isobutylamine	hexadecylamine (1)	butanal	3-pentanone	1,3-propanediol	ethylene glycol
<i>sec</i> -butylamine	cyclohexylamine	2-methylpropanal	2-hexanone	1,3-butanediol	dipropylene glycol
<i>tert</i> -butylamine	diisopropylamine	methacrolein	cyclohexanone	2,3-butanediol	glycerol
pentylamine	dibutylamine	pentanal	4-methyl-2-pentanone	1,4-butanediol	ethylene glycol monomethyl ether
isopentylamine	dipentylamine	3-methylbutanal	mesityl oxide	1,5-pentanediol	ethylene glycol monoethyl ether
hexylamine	dihexylamine	hexanal	2-heptanone	1,6-hexanediol	ethylene glycol monobutyl ether
heptylamine	dicyclohexylamine	heptanal	3-heptanone	1,7-heptanediol (1)	diethylene glycol monomethyl ether
octylamine	triethylamine	octanal	2-octanone	1,8-octanediol (1)	diethylene glycol monoethyl ether
nonylamine	tributylamine	2-butanone	cyclopentanone	1,9-nonanediol (1)	diethylene glycol monobutyl ether
(1) 10% w/v in ethanol		(1) 10% w/v in ethanol		(1) 10% w/v in ethanol	



INDUSTRIAL CHEMICALS		INDUSTRIAL CHEMICALS		CHEMICAL SOLVENTS	
TK-300	\$ 145 / 2 mL volume	TK-301	\$ 145 / 2 mL volume	TK-310	\$ 145 / 2 mL volume
acetic acid	isopropyl alcohol	acetonitrile	hexachloroethane (2)	acetone	kerosene
acetic anhydride	ethyl alcohol	adipic acid (1)	2-chlorophenol (2)	benzene	methanol
aniline	methanol	acrylonitrile	formaldehyde (3)	carbon tetrachloride	methyl ethyl ketone
benzoic acid (1)	methyl ethyl ketone	chlorobenzene	bromoform	dimethyl formamide	naphtha
butyl alcohol	naphthalene (1)	1,2,4-trichlorobenzene (2)	E.D.T.A. (1)	dimethyl sulfoxide	nitrobenzene
dioctyl phthalate	methylnaphthalene	butyl acetate	2-nitrophenol (1)	ethyl acetate	tetrahydrofuran
ethanolamine	<i>o</i> -cresol	hexachlorobenzene (1)	4-nitrophenol (1)	furfural	toluene
ethylene glycol	<i>m</i> -cresol	benzaldehyde	salicylic acid (1)	gasoline	trichloroethylene
furfural	<i>p</i> -cresol (1)	chloroform	oxalic acid (1)	isooctane	turpentine
furnace oil	phenol (1)	citric acid (1)	isophorone	isopropyl alcohol	xylene (mixed)
(1) 10% w/v in <i>p</i>-xylene		(1) 2% w/v in ethanol (2) 10% w/v in chloroform (3) 37% in water			
ESTERS		ESTERS		ALCOHOLS	
TK-130	\$ 145 / 2 mL volume	TK-131	\$ 145 / 2 mL volume	TK-120	\$ 145 / 2 mL volume
methyl acetate	methyl tetradecanoate (1)	methyl nonanoate	ethyl nonanoate	methanol	2-pentanol
methyl propanoate	methyl hexadecanoate (1)	methyl decanoate	ethyl decanoate	ethanol	3-pentanol
methyl butanoate	ethyl acetate	methyl undecanoate	ethyl undecanoate	propanol	1-hexanol
methyl pentanoate	ethyl butanoate	methyl dodecanoate	ethyl dodecanoate	isopropanol	3-hexanol
methyl hexanoate	ethyl hexanoate	methyl tridecanoate	ethyl tetradecanoate	1-butanol	1-heptanol
methyl heptanoate	ethyl octanoate	methyl tetradecanoate	ethyl pentadecanoate	2-methylpropanol	4-heptanol
methyl octanoate	ethyl decanoate (1)	methyl pentadecanoate	ethyl hexadecanoate	<i>sec</i> -butanol	1-octanol
methyl nonanoate (1)	ethyl dodecanoate (1)	methyl hexadecanoate	ethyl heptadecanoate	<i>tert</i> -butanol	1-decanol
methyl decanoate (1)	propyl acetate	methyl heptadecanoate	ethyl octadecanoate	1-pentanol	
methyl dodecanoate (1)	propyl butanoate	methyl octadecanoate			
(1) 10% w/v in chloroform		all 5% w/v in chloroform		(1) 10% w/v in chloroform	

Customized Pharmaceutical/Drug Kits

Available on Request

AccuStandard has become the leader in the supply of Chemical Kits. By offering over 100 Kits covering numerous assemblies by functional groups, a chemist needs only one source: AccuStandard.