

ASTM Simulated Distillation Petrochemical Mixtures

American Society for Testing and Materials (ASTM International) Method D2887-01 is used to determine the boiling range distribution of petroleum products and fractions having a final boiling point of 538°C (1,000°F) or lower; a boiling range greater than 55°C (131°F) and a vapor pressure sufficient low to permit sampling at ambient temperature.

ASTM D2887-01 Calibration Mix (20 components)

<i>n</i> -pentane (C5)	<i>n</i> -hexadecane (C16)
<i>n</i> -hexane (C6)	<i>n</i> -heptadecane (C17)
<i>n</i> -heptane (C7)	<i>n</i> -octadecane (C18)
<i>n</i> -octane (C8)	<i>n</i> -eicosane (C20)
<i>n</i> -nonane (C9)	<i>n</i> -tetracosane (C24)
<i>n</i> -decane (C10)	<i>n</i> -octacosane (C28)
<i>n</i> -undecane (C11)	<i>n</i> -dotriacontane (C32)
<i>n</i> -dodecane (C12)	<i>n</i> -hexatriacontane (C36)
<i>n</i> -tetradecane (C14)	<i>n</i> -tetracontane (C40)
<i>n</i> -pentadecane (C15)	<i>n</i> -tetratetracontane (C44)

1% w/w in carbon disulfide, 1g solution/ampul*

cat. # 31674 (ea.)

5% w/w, Neat, 1g /ampul

cat. # 31675 (ea.)

No data pack available.

*Orders in the US ship FedEx only. Call for options when shipping outside the US.

ASTM Methods D2887 and D3710-95

These calibration mixtures are made with pure, highly characterized neat material, and prepared using NIST-traceable balances and weights. Each ampul is supplied with a data sheet indicating the exact concentration, and a sample chromatogram.

D2887 Calibration Mix (17 components)

Compound	Conc. (% w/w)	Compound	Conc. (% w/w)
<i>n</i> -hexane (C6)	6	<i>n</i> -octadecane (C18)	5
<i>n</i> -heptane (C7)	6	<i>n</i> -eicosane (C20)	2
<i>n</i> -octane (C8)	8	<i>n</i> -tetracosane (C24)	2
<i>n</i> -nonane (C9)	8	<i>n</i> -octacosane (C28)	1
<i>n</i> -decane (C10)	12	<i>n</i> -dotriacontane (C32)	1
<i>n</i> -undecane (C11)	12	<i>n</i> -hexatriacontane (C36)	1
<i>n</i> -dodecane (C12)	12	<i>n</i> -tetracontane (C40)	1
<i>n</i> -tetradecane (C14)	12	<i>n</i> -tetratetracontane (C44)	1
<i>n</i> -hexadecane (C16)	10		

Packaged 1mL/ampul

cat. # 31222 (ea.)

No data pack available.

D3710-95 Calibration Mix (16 components)

Compound	Conc. (% vol/vol)	Compound	Conc. (% vol/vol)
<i>n</i> -pentane (C5)	8	<i>n</i> -pentadecane (C15)	2
<i>n</i> -hexane (C6)	6	2-methylbutane	10
<i>n</i> -heptane (C7)	10	2-methylpentane	6
<i>n</i> -octane (C8)	5	2,4-dimethylpentane	6
<i>n</i> -decane (C10)	4	toluene	12
<i>n</i> -dodecane (C12)	4	<i>p</i> -xylene	14
<i>n</i> -tridecane (C13)	2	<i>n</i> -propylbenzene	5
<i>n</i> -tetradecane (C14)	2	<i>n</i> -butylbenzene	4

Packaged 1mL/ampul

cat. # 31223 (ea.)

No data pack available.

ASTM D3606-07 (Determination of Benzene & Toluene in Finished Motor & Aviation Gasoline by GC)

ASTM D3606 Calibration Kit without Internal Standard



Contains 25mL each of these mixtures.

- 30647: ASTM D3606 Calibration Standard #1 without Internal Standard
- 30648: ASTM D3606 Calibration Standard #2 without Internal Standard
- 30649: ASTM D3606 Calibration Standard #3 without Internal Standard
- 30650: ASTM D3606 Calibration Standard #4 without Internal Standard
- 30651: ASTM D3606 Calibration Standard #5 without Internal Standard
- 30652: ASTM D3606 Calibration Standard #6 without Internal Standard
- 30653: ASTM D3606 Calibration Standard #7 without Internal Standard

cat. # 30672 (kit)

Quantity discounts not available.

ASTM D3606 Calibration Kit with MEK Internal Standard



Contains 1mL each of these mixtures.

- 30654: ASTM D3606 Calibration Standard #1 with MEK Internal Standard
- 30655: ASTM D3606 Calibration Standard #2 with MEK Internal Standard
- 30656: ASTM D3606 Calibration Standard #3 with MEK Internal Standard
- 30657: ASTM D3606 Calibration Standard #4 with MEK Internal Standard
- 30658: ASTM D3606 Calibration Standard #5 with MEK Internal Standard
- 30659: ASTM D3606 Calibration Standard #6 with MEK Internal Standard
- 30660: ASTM D3606 Calibration Standard #7 with MEK Internal Standard

cat. # 30673 (kit)

Quantity discounts not available.

ASTM D3606 Calibration Kit with sec-Butanol Internal Standard



Contains 1mL each of these mixtures.

- 30661: ASTM D3606 Calibration Standard #1 with sec-Butanol Internal Standard
- 30662: ASTM D3606 Calibration Standard #2 with sec-Butanol Internal Standard
- 30663: ASTM D3606 Calibration Standard #3 with sec-Butanol Internal Standard
- 30664: ASTM D3606 Calibration Standard #4 with sec-Butanol Internal Standard
- 30665: ASTM D3606 Calibration Standard #5 with sec-Butanol Internal Standard
- 30666: ASTM D3606 Calibration Standard #6 with sec-Butanol Internal Standard
- 30667: ASTM D3606 Calibration Standard #7 with sec-Butanol Internal Standard

cat. # 30674 (kit)

Quantity discounts not available.

ASTM D3606 Backflush Standard

2,2,4-trimethylpentane (isooctane)

5% vol/vol in nonane, 1mL/ampul



cat. # 30671 (ea.)

ASTM D3606 Standards

Visit us at www.restek.com/astm



also available

D3606 Application Column (2 column set)

See page 128 for details.

