Aromatics Analysis

D3606 Application Column (2 column set)

- Complete separation of ethanol and benzene, with a resolution value > 3.00.
- Accurate quantification of benzene and toluene.
- Fully conditioned two column set—ready to use out of the box.
- A chromatogram is provided with each column set demonstrating conformance to the revised ASTM method.

Conforms to the specifications established in ASTM method D3606-07 for the quantitation of benzene and toluene in spark ignition fuel containing ethanol.

Description	cat.#*	price
D3606 Application Column (2 column set)**		
Column 1: 6' (1.8m), 1/8" OD, 2.0mm ID, nonpolar Rtx-1		
Column 2: 16' (4.9m), 1/8" OD, 2.0mm ID, proprietary packing material	83606-	

*Please add column instrument configuration suffix number to cat.# when ordering. See page 143.
**The column set is designed to accommodate both valve injection and/or syringe injection. Column 1 is configured with a 2" inlet void to facilitate on-column injection. The inlet is identified on both column 1 and column 2. Note: The inlet of column 2 is identified for proper orientation for connection to the valve.

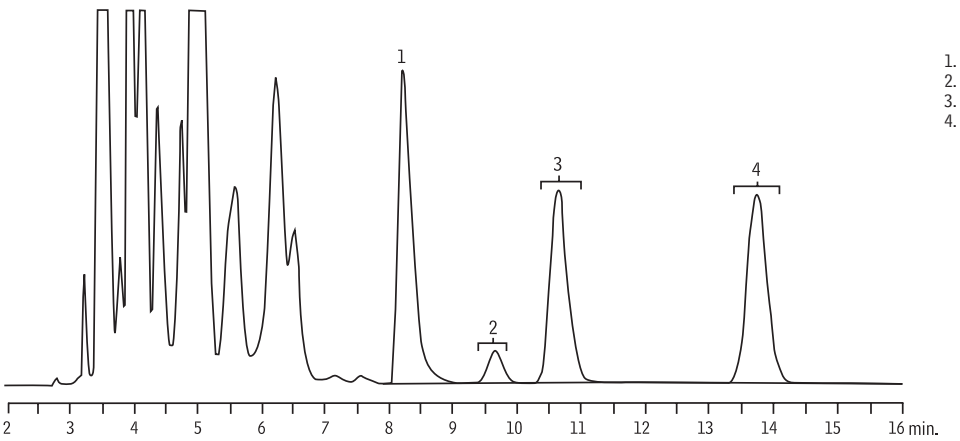
free
literature

Resolve Benzene and Toluene in Spark Ignition Fuels Containing Ethanol

Download your free copy from **www.restek.com**

lit. cat.# 580227

Gasoline containing ethanol on a D3606 Application Column set.



GC_PC01079

Column:	D3606 Application Column (2 column set, cat.# 83606-800) Column 1: nonpolar Rtx®-1, 6' (1.8m), 1/8" OD, 2.0mm ID Column 2: proprietary packing material, 16' (4.9m), 1/8" OD, 2.0mm ID
Sample:	1.5µL gasoline with internal standard
Inj.:	200°C
Backflush:	3 min.
Carrier gas:	helium, constant flow
Flow rate:	20mL/min.
Oven temp.:	135°C, isothermal
Det.:	TCD @ 200°C

Chromatogram courtesy of Boguslaw Dudek, Conoco Phillips, Linden, NJ.