

# Benzene and Toluene in Gasoline

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## ASTM D3606

Configuration of an Agilent Technologies 7890A Series Gas Chromatograph with thermal conductivity detector for ASTM D3606 Benzene and Toluene in Finished Motor Fuels.

This method covers the determination of benzene and toluene in finished motor and aviation gasolines by gas chromatography. Benzene can be determined between levels of 0.1 and 5 volume % and toluene can be determined between levels of 2 and 20 volume %.

The precision for this test method was determined using conventional gasoline as well as gasolines containing oxygenates (ethers such as methyl tert-butyl ether, ethyl tertbutylether and tert-amylmethylether).