



Designation: D 6526 – 03^{ε1}

Standard Test Method for Analysis of Toluene by Capillary Column Gas Chromatography¹

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^{ε1} NOTE—Editorial change was made in 14.1.2 in June 2003.

1. Scope*

1.1 This test method covers the determination of hydrocarbon impurities typically found in, and the purity of, samples containing 98 wt % and greater toluene. This test method is applicable to impurity concentrations in the range of 0.0005 to 1.6 wt %.

1.2 Monocyclic aromatic hydrocarbons containing 6 through 8 carbon atoms, cumene, 1,4-dioxane, and nonaromatic aliphatic hydrocarbons containing up to 12 carbon atoms can be detected by this test method. The nonaromatic compounds are determined as a composite.

1.3 The following applies to all specified limits in this test method: for purposes of determining conformance with this test method, an observed value or a calculated value shall be rounded off “to the nearest unit” in the last right-hand digit used in expressing the specification limit, in accordance with the rounding-off method of Practice E 29.

1.4 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.* For specific hazard statements, see Section 9.

2. Referenced Documents

2.1 ASTM Standards:

¹ This test method is under the jurisdiction of ASTM Committee D16 on Aromatic Hydrocarbons and Related Chemicals and is the direct responsibility of Subcommittee D16.01 on Benzene, Toluene, Xylenes, Cyclohexane, and Their Derivatives.

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