



Designation: D 4367 – 9902

Standard Test Method for Benzene in Hydrocarbon Solvents by Gas Chromatography¹

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¹ This test method is under the jurisdiction of ASTM Committee D-1, D01 on Paint and Related Coatings, Materials, and Applications and is the direct responsibility of Subcommittee D01.35 on Solvents, Plasticizers, and Chemical Intermediates.

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1. Scope *

1.1 This test method covers the determination by gas chromatography of benzene at levels from 0.01 to 1 volume % in hydrocarbon solvents.

NOTE 1—For benzene levels lower than 0.01 volume %, use Test Method D 6229.

1.2 The values stated in SI units are to be regarded as the standard. The values given in parentheses are for information only.

1.3 For purposes of determining conformance of an observed or a calculated value using this test method to relevant specifications, test result(s) 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.*

1.35 For hazard information and guidance, see the supplier’s Material Safety Data Sheet. For specific hazard statements, see Section 7.

2. Referenced Documents

2.1 ASTM Standards:

D-3606 Test Method for the Determination of Benzene and Toluene in Finished Motor and Aviation Gasoline by Gas Chromatography²

D 6229 Test Method for Trace Benzene in Hydrocarbon Solvents by Capillary Gas Chromatography²

² Annual Book of ASTM Standards, Vol 05.02: 06.04.

*A Summary of Changes section appears at the end of this standard.