

Designation:D3193–96(Reapproved2003) Designation: D 3193 – 09

Standard Specification for Ethylbenzene¹

This standard is issued under the fixed designation D 3193; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope*

- 1.1 This specification covers ethylbenzene.
- 1.2 Consult current OSHA regulations, supplier's Material Safety Data Sheets for all materials, and local regulations used in this specification.
- 1.3 The following applies to all specified limits in this specification for purposes of determining conformance with this specification, 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.

2. Referenced Documents

- 2.1 ASTM Standards:²
- D 1209 Test Method for Color of Clear Liquids (Platinum-Cobalt Scale)
- D 3437 Practice for Sampling and Handling Liquid Cyclic Products
- D3961Test Method for Trace Quantities of Sulfur in Liquid Aromatic Hydrocarbons by Oxidative Microcoulometry²
- D4045Test Method for Sulfur in Petroleum Products by Hydrogenolysis and Rateometric Colorimetry 4176 Test Method for Free Water and Particulate Contamination in Distillate Fuels (Visual Inspection Procedures)
- D 5060 Test Method for Determining Impurities in High-Purity Ethylbenzene by Gas Chromatography
- D 5194 Test Method for Trace Chloride in Liquid Aromatic Hydrocarbons
- D 5386 Test Method for Color of Liquids Using Tristimulus Colorimetry
- D 5808 Test Method for Determining Organic Chloride in Aromatic Hydrocarbons and Related Chemicals by Microcoulemetry²-Test Method for Determining Organic Chloride in Aromatic Hydrocarbons and Related Chemicals by Microcoulometry D 7183 Test Method for Determination of Total Sulfur in Aromatic Hydrocarbons and Related Chemicals by Ultraviolet Fluorescence
- E 29 Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications
- 2.2 Other Document:

OSHA Regulations, 29 CFR.

OSHA Regulations, 29 CFR paragraphs 1910.1000 and 1910.1200³ b-42a2-b7ab-3f6788a699ef/astm-d3193-09

3. Properties

3.1 Ethylbenzene shall conform to the following requirements:

ASTM Test
Method
D 5060

¹ This specification is under the jurisdiction of ASTMSTEM Committee D16 on Aromatic Hydrocarbons and Related Chemicals and is the direct responsibility of Subcommittee D16.07 on Styrene, Ethylbenzene, and C₉ and C₁₀ Aromatic Hydrocarbons.

Current edition approved Jan. 10, 2003. Published March 2003. Originally approved in 1991. Last previous edition approved in 1996 as D3193-96.on Styrene, Ethylbenzene and C9 and C10 Aromatic Hydrocarbons .

Current edition approved Jan. 15, 2009. Published February 2009. Originally approved in 1991. Last previous edition approved in 2003 as D 3193 – 96 (2003).

Annual Book of ASTM Standards, Vol 06.04.

² For referenced STEM standards, visit the STEM website, www.astm.org, or contact STEM Customer Service at service@astm.org. For Annual Book of STEM Standards volume information, refer to the standard's Document Summary page on the STEM website.

Annual Book of ASTM Standards, Vol 05.02.

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