



Designation: D 5808 – 9503

Standard Test Method for Determining Organic Chloride in Aromatic Hydrocarbons and Related Chemicals by Microcoulometry¹

This standard is issued under the fixed designation D 5808; 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 test method covers the organic chlorides in aromatic hydrocarbons, their derivatives, and related chemicals.
- 1.2 This test method is applicable to samples with chloride concentrations from 1 to 25 mg/kg.
- 1.3 This test method is preferred over Test Method D 5194 for products, such as styrene, that are polymerized by the sodium biphenyl reagent.
- 1.4 The following applies to all specified limits in this standard: for purposes of determining conformance with this standard, 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.
- 1.5 *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 ~~Note 2~~ 7.3 and Section 9.

2. Referenced Documents

- 2.1 *ASTM Standards:*
D 1193 Specification for Reagent Water²

¹ This test method is under the jurisdiction of ASTM Committee D16 on Aromatic Hydrocarbons and Related Chemicals is the direct responsibility of Subcommittee D16.04 on Instrumental Analysis.

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