



Designation: E 53 – 9802

Standard Test Method for Determination of Copper in Unalloyed Copper by Gravimetry¹

This standard is issued under the fixed designation E 53; 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.

This standard has been approved for use by agencies of the Department of Defense.

1. Scope

1.1 This test method covers the chemical analysis of copper having minimum purity of 99.75 % to 99.95 %.

1.2 This test method covers the electrolytic determination of copper in chemical, electrolytic, and fire refined copper. In this method silver is deposited with the copper, and is reported as copper.

1.3 *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.* Specific precautionary statements are given in Section 9 and ~~Note 1:~~ 8.4.

2. Referenced Documents

2.1 *ASTM Standards:*

¹ This test method is under the jurisdiction of ASTM Committee ~~E-T~~ E01 on Analytical Chemistry for Metals, Ores, and Related Materials and is the direct responsibility of Subcommittee E01.07 on Cu and Cu Alloys.

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