



Designation: E 1805 – 9602

Standard Test Method for Fire Assay Determination of Gold in Copper Concentrates by Gravimetry¹

This standard is issued under the fixed designation E 1805; 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 is for the determination of gold in copper concentrates in the concentration range from 0.2 to 17 µg/g (0.007 to 0.500 Troy oz/short ton).

NOTE 1—The lower scope limit is set in accordance with Practice E 1601.

1.2 *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 warning statements, see 11.3.1, 11.5.4, and 11.6.5.*

2. Referenced Documents

2.1 *ASTM Standards:*

D 1193 Specification for Reagent Water²

¹ This test method is under the jurisdiction of ASTM Committee E-1 E01 on Analytical Chemistry for Metals, Ores, and Related Materials and is the direct responsibility of Subcommittee E01.02 on Ores, Concentrates, and Related Metallurgical Materials.

Current edition approved April 10, 1996; 2002. Published in May 2002. Originally published as E 1805 - 96. Last previous edition E 1805 - 96.