



Designation: D 3645 – 02³

Standard Test Methods for Beryllium in Water¹

This standard is issued under the fixed designation D 3645; 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 These test methods cover the determination of dissolved and total recoverable beryllium in most waters and wastewaters:

	Concentration Range	Sections
Test Method A—Atomic Absorption, Direct	10 to 500 µg/L	7 to 16
Test Method B—Atomic Absorption, Graphite Furnace	10 to 50 µg/L	17 to 25

1.2 The analyst should direct attention to the precision and bias statements for each test method. It is the user's responsibility to ensure the validity of these test methods for waters of untested matrices.

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.* For specific hazard statements, see Section 12 and 23.4.

2. Referenced Documents

2.1 *ASTM Standards:*

¹ These test methods are under the jurisdiction of ASTM Committee D19 on Water and are the direct responsibility of Subcommittee D19.05 on Inorganic Constituents in Water.

Current edition approved July Jan. 10, 2002³. Published August 2002, January 2003. Originally published as D 3645—78; approved in 1978. Last previous edition approved in 2002 as D 3645 – 97⁰².

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