

Validation and Peer Review Information Supporting Other Test Method 42

Method Name	Pollutant Measured	Method 301 Validation	Other Validation	External Peer Review/ Internal EPA Peer Review	Other External Review	References	Comments/ Contact Person
OTM-42: Sampling, Sample Preparation and Operation of the Fluidized Bed Asbestos Segregator	Various types of Asbestos		See References 1 and 9	Internal EPA Peer Review conducted April 2018 - July 2018		<ol style="list-style-type: none"> 1. Januch J, Brattin W, Woodbury L, Berry D (2013) Evaluation of a fluidized bed asbestos segregator preparation method for the analysis of low-levels of asbestos in soil and other solid media. <i>Anal Methods</i> 5:1658–1668. 2. EPA. 2006. Guidance on Systematic Planning Using the Data Quality Objectives Process – EPA QA/G4. U.S. Environmental Protection Agency, Office of Environmental Information. EPA/240/B-06/001. February. http://www.epa.gov/quality/qs-docs/g4-final.pdf. 3. EPA. 2001. <i>EPA Requirements for Quality Assurance Project Plans. EPA QA/R-5</i>. U.S. Environmental Protection Agency, Office of Environmental Information. EPA/240/B-01/003. March. http://www.epa.gov/quality/qs-docs/r5-final.pdf. 4. International Organization for Standardization, <i>Ambient Air - Determination of Asbestos Fibres – Direct Transfer Transmission Electron</i> 	Dennis Mikel, Mikel.dennisk@epa.gov 919-541-5511

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						<p><i>Microscopy Method</i>, Reference Number ISO 10312:1995(E), May 1995.</p> <p>5. International Organization for Standardization, <i>Ambient Air – Determination of Asbestos Fibres – Indirect Transfer Transmission Electron Microscopy Method</i>, Reference Number ISO 13794:1995(E), July 1995.</p> <p>6. Title 40 of the Code of Federal Regulations (CFR) 763.83.</p> <p>7. IARC. 2012. Arsenic, metals, fibres, and dusts. In IARC monographs on the evaluation of carcinogenic risks to human, vol. 100C. IARC Press, 150 Cous Thomas, 69372 Lyon cedex 08, Lyon, France.</p> <p>8. Berry, David; Januch, Jed; Woodbury, Lynn; Kent, Douglas (submitted for publication March 2018) <i>Detection of Erionite Fibers in Soils Using the Fluidized Bed Preparation Methodology</i>.</p> <p>9. <i>Fluidized Bed Asbestos Segregator Interlaboratory Study</i> (Manuscript in process).</p>	